

APPENDIX A
CRASH TEST DATA

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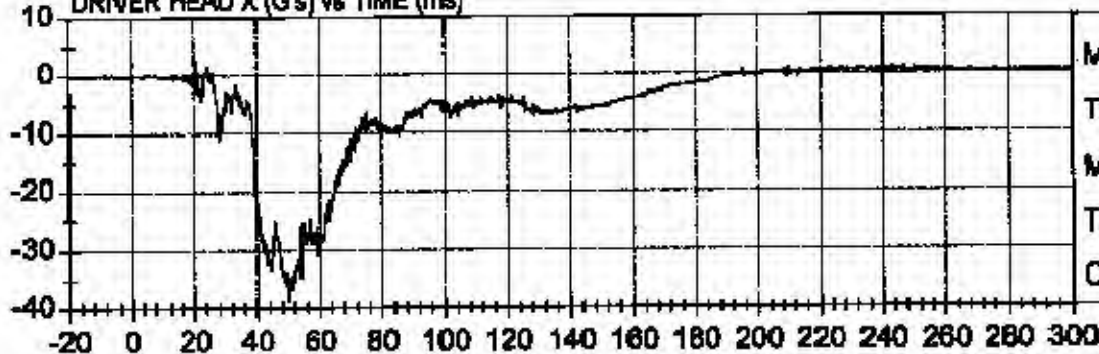
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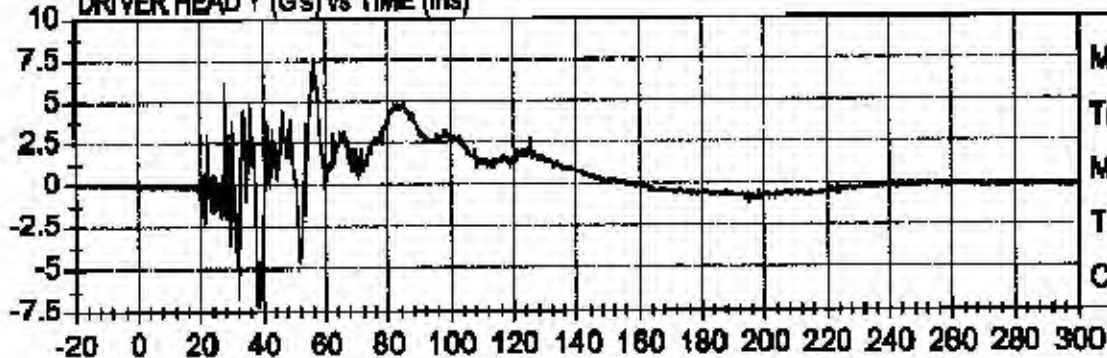
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2004 JEEP LIBERTY (C40300)

Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)

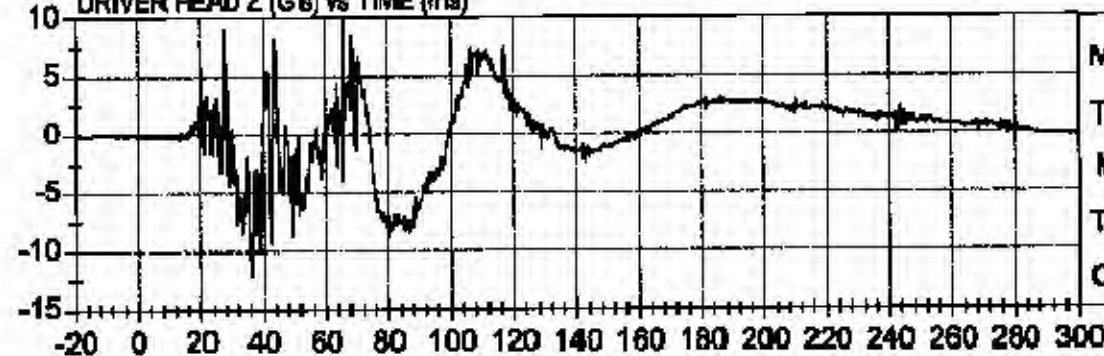
DRIVER HEAD X (G's) vs TIME (ms)



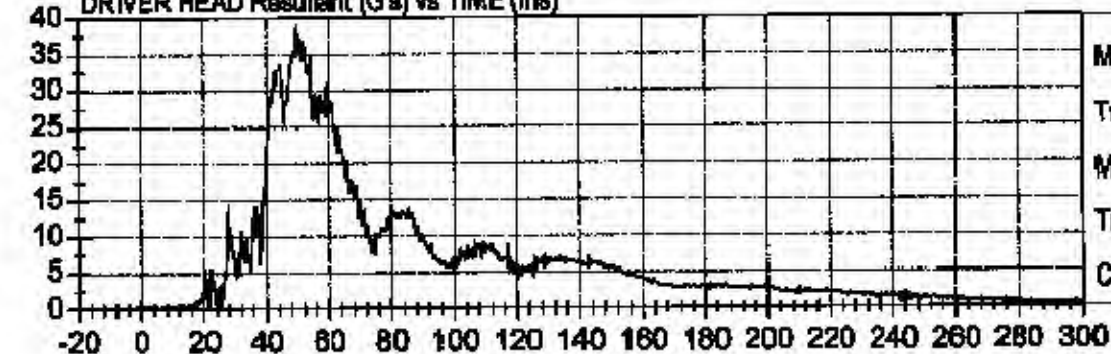
DRIVER HEAD Y (G's) vs TIME (ms)



DRIVER HEAD Z (G's) vs TIME (ms)



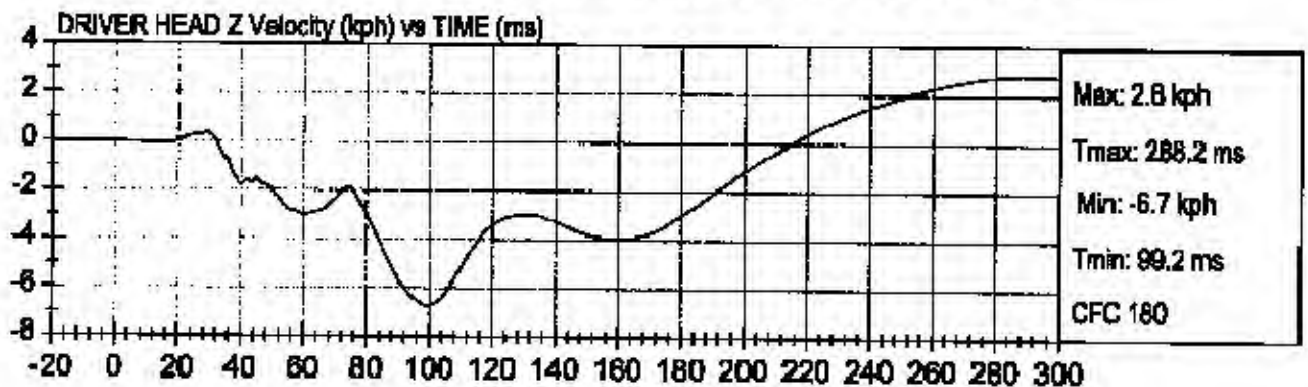
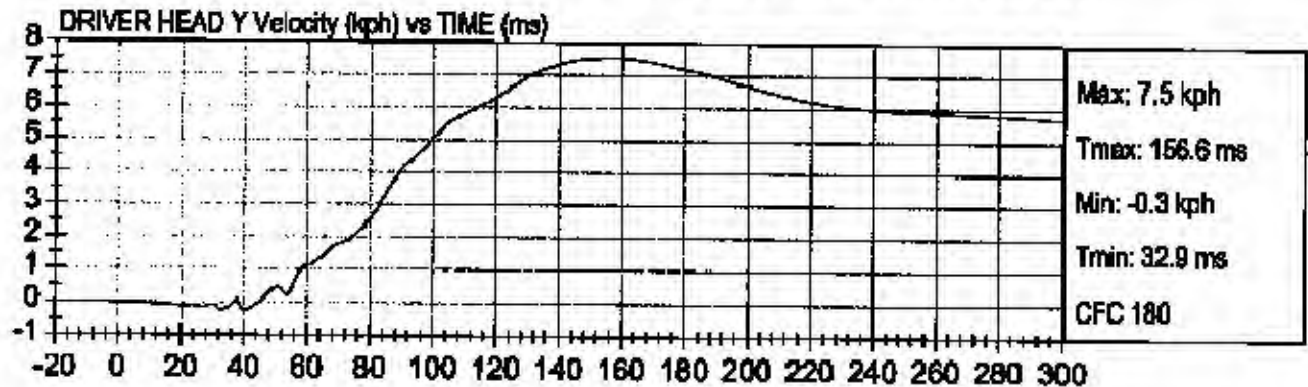
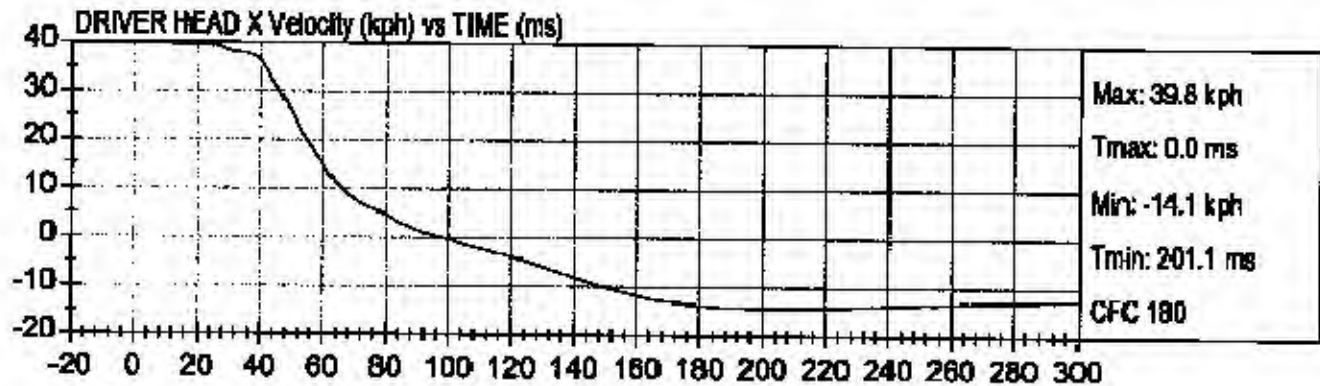
DRIVER HEAD Resultant (G's) vs TIME (ms)





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2004 JEEP LIBERTY (C40300)

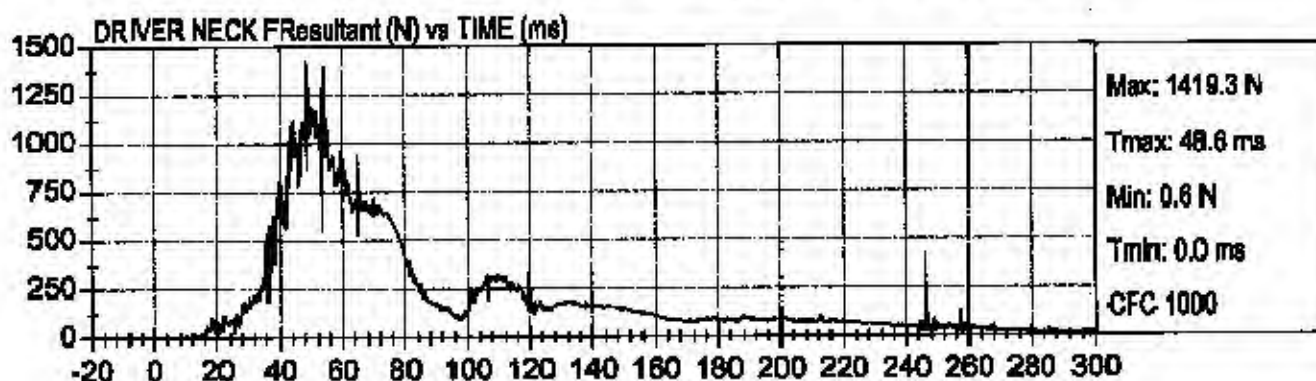
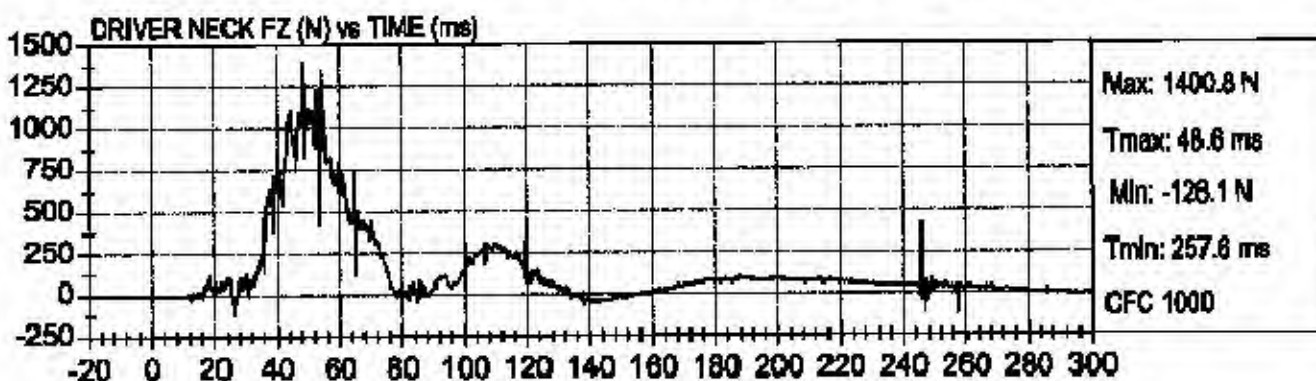
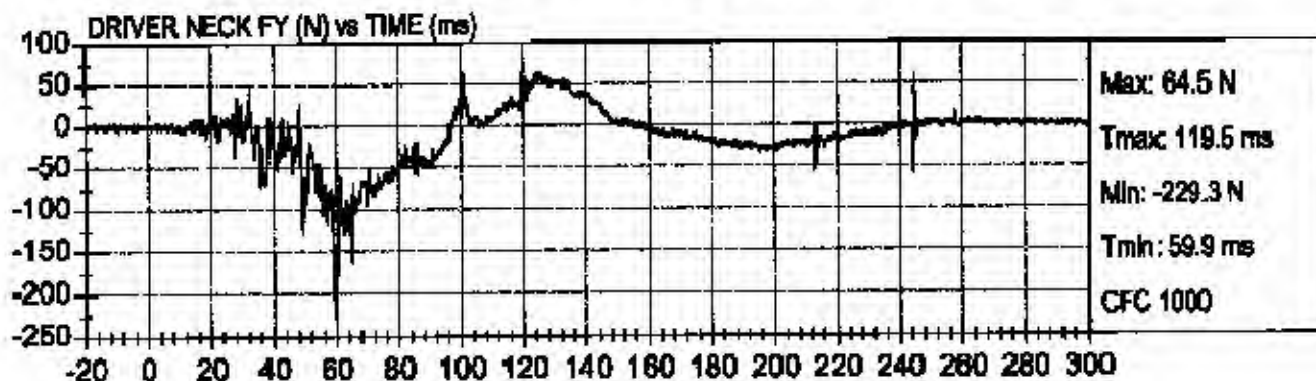
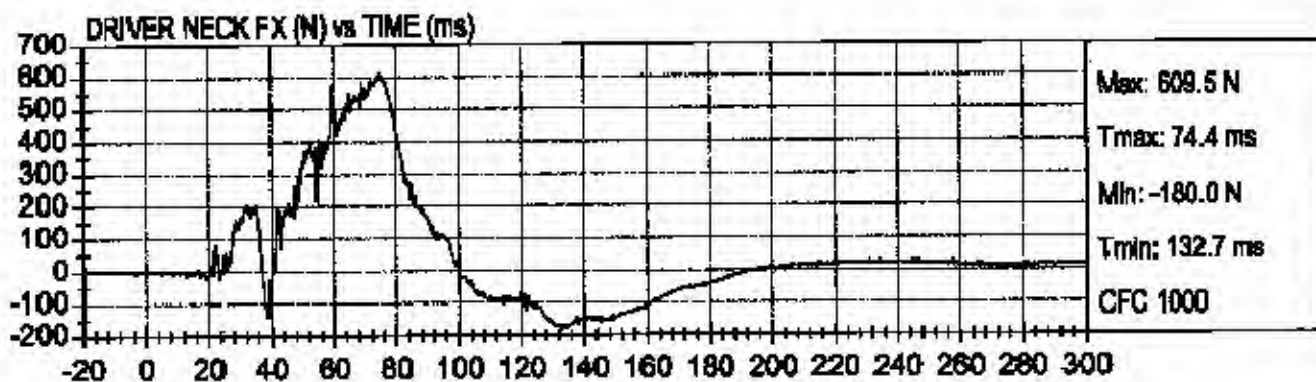
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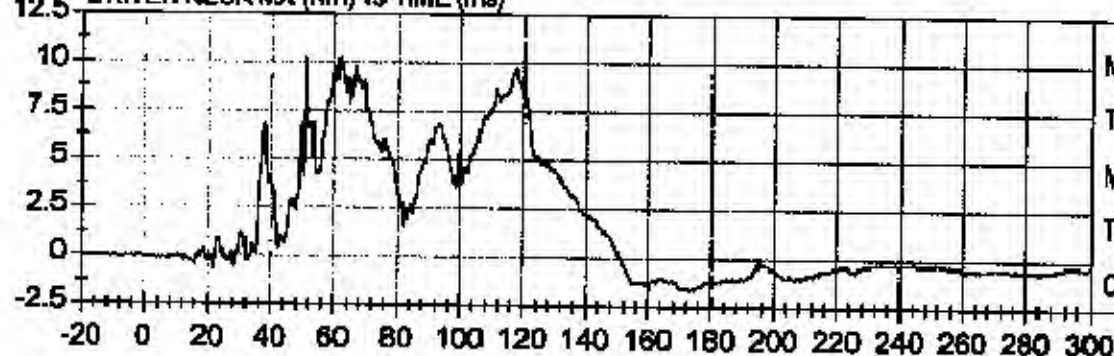




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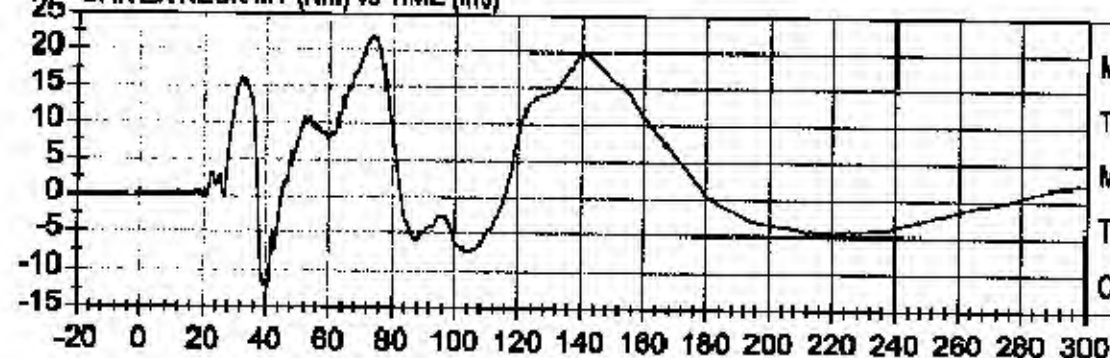
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DRIVER NECK MX (Nm) vs TIME (ms)



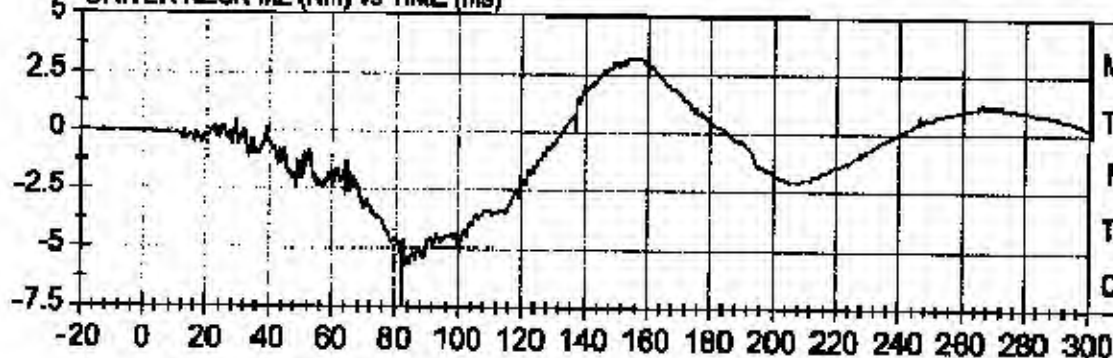
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Min: -1.6 Nm
Tmin: 160.3 ms
CFC 600

DRIVER NECK MY (Nm) vs TIME (ms)



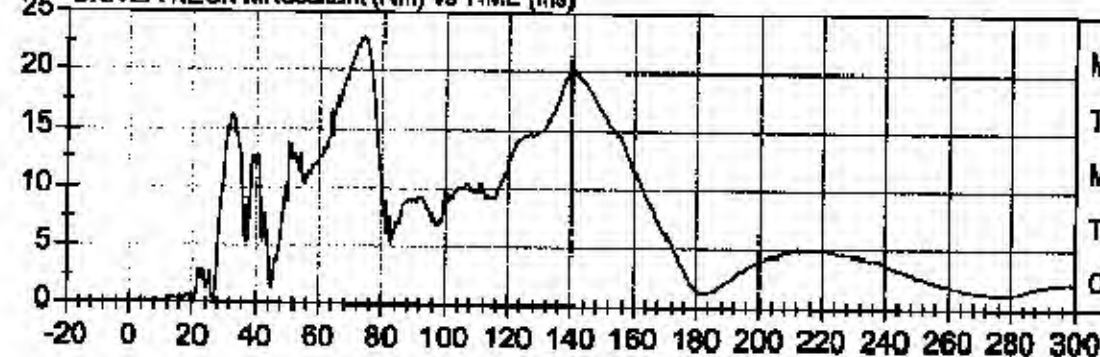
Max: 21.8 Nm
Tmax: 74.0 ms
Min: -12.1 Nm
Tmin: 40.6 ms
CFC 600

DRIVER NECK MZ (Nm) vs TIME (ms)



Max: 3.2 Nm
Tmax: 156.7 ms
Min: -7.4 Nm
Tmin: 82.1 ms
CFC 600

DRIVER NECK MResultant (Nm) vs TIME (ms)

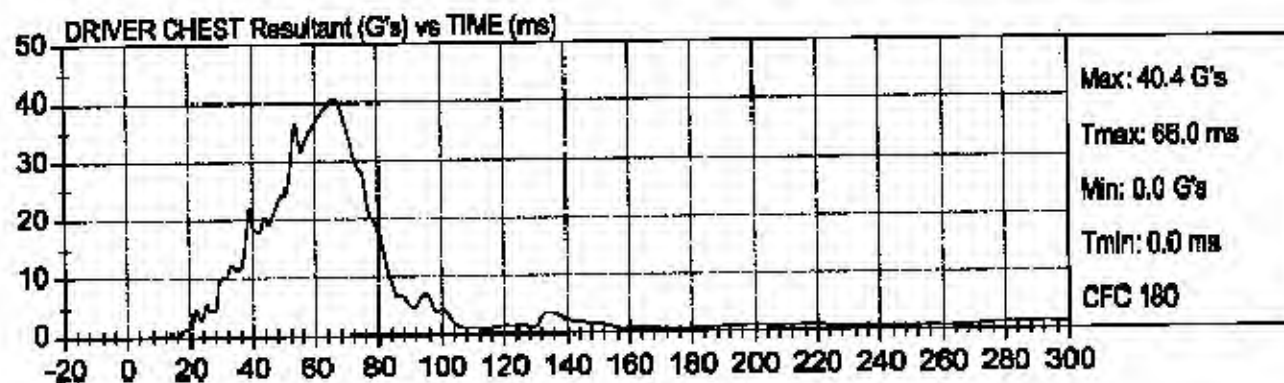
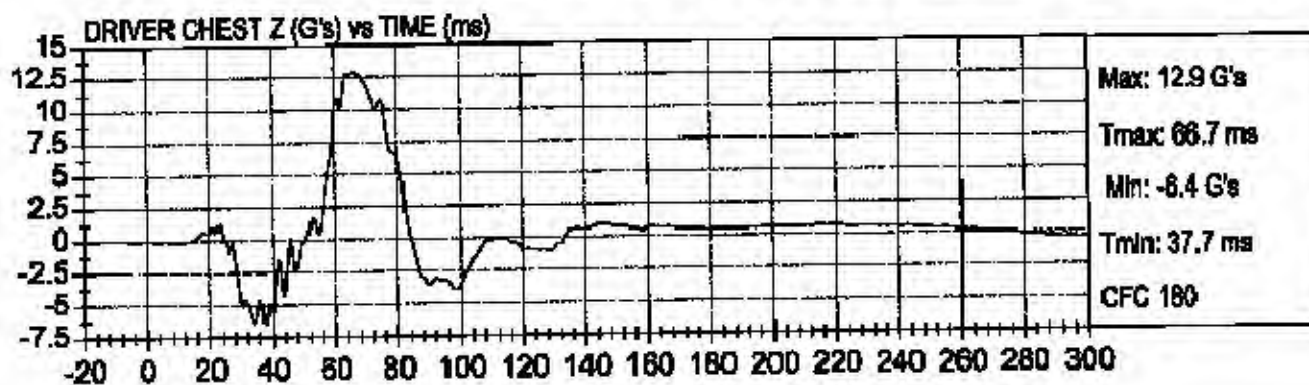
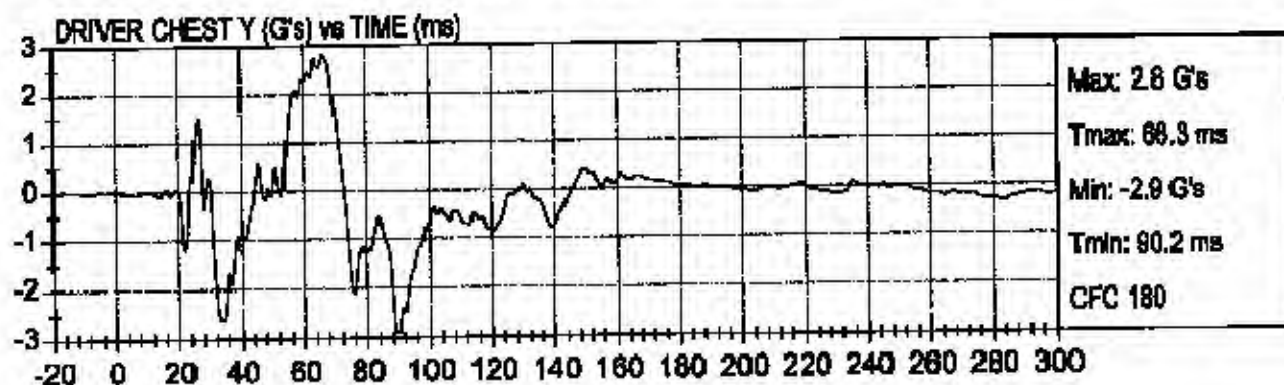
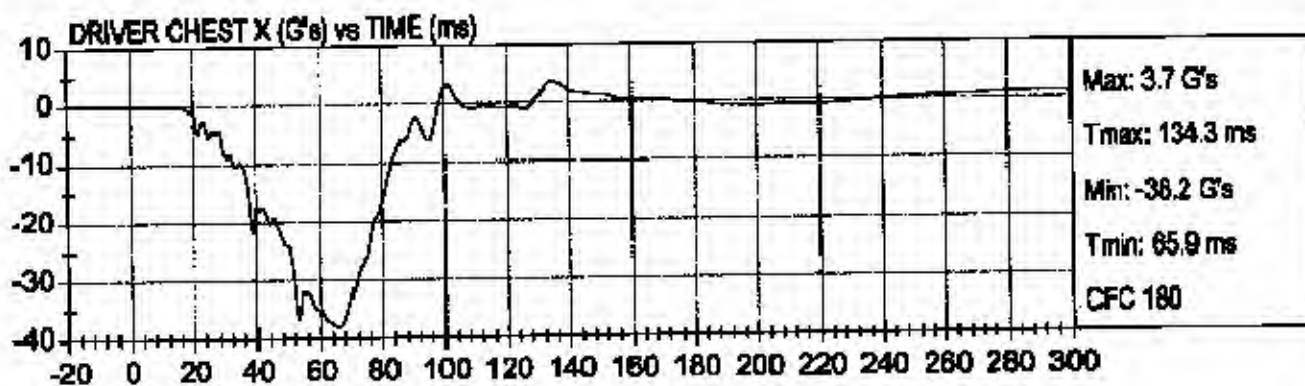


Max: 22.9 Nm
Tmax: 74.0 ms
Min: 0.0 Nm
Tmin: 0.0 ms
CFC 600



25 MPH FRONTAL UNBELTED
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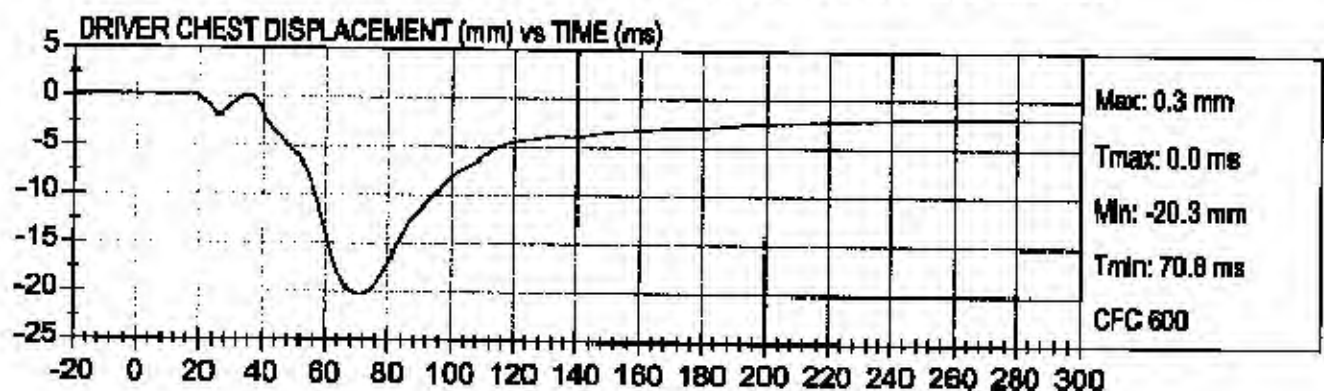
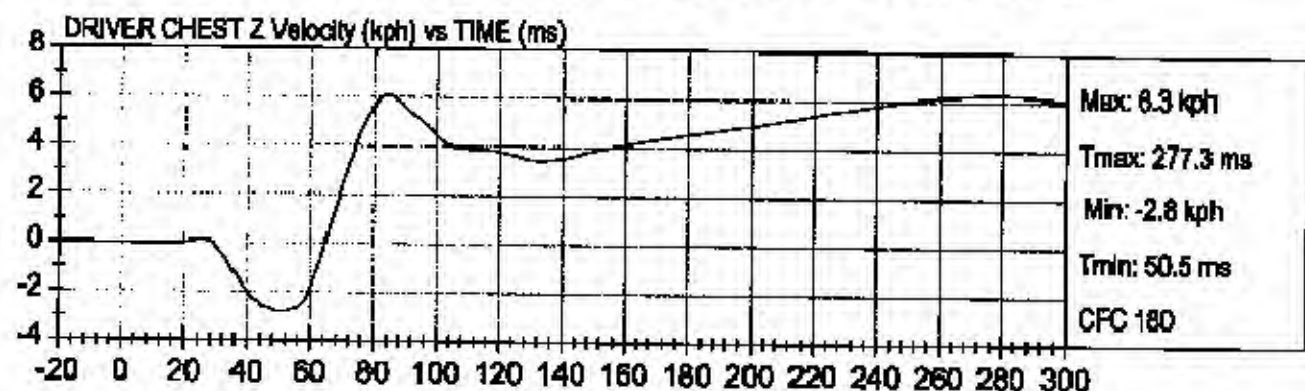
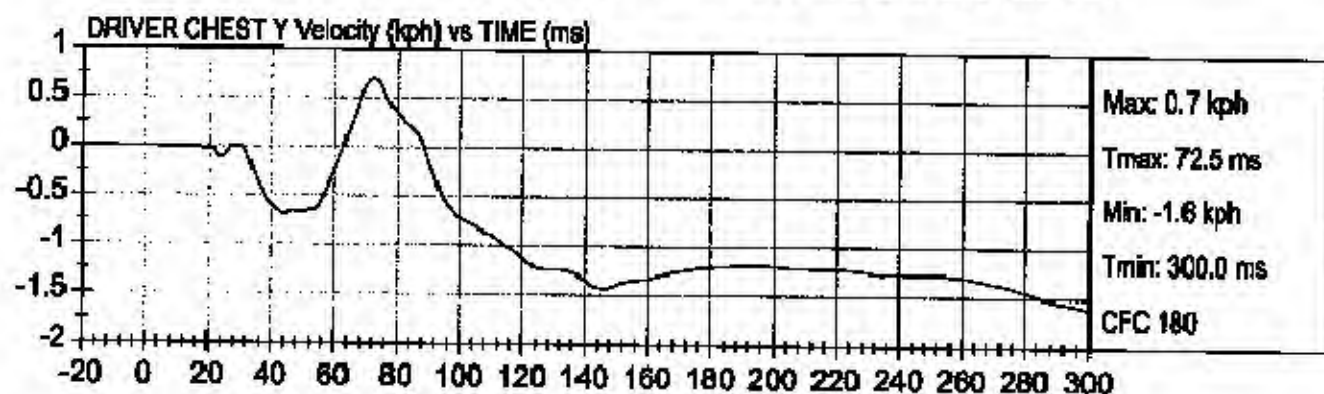
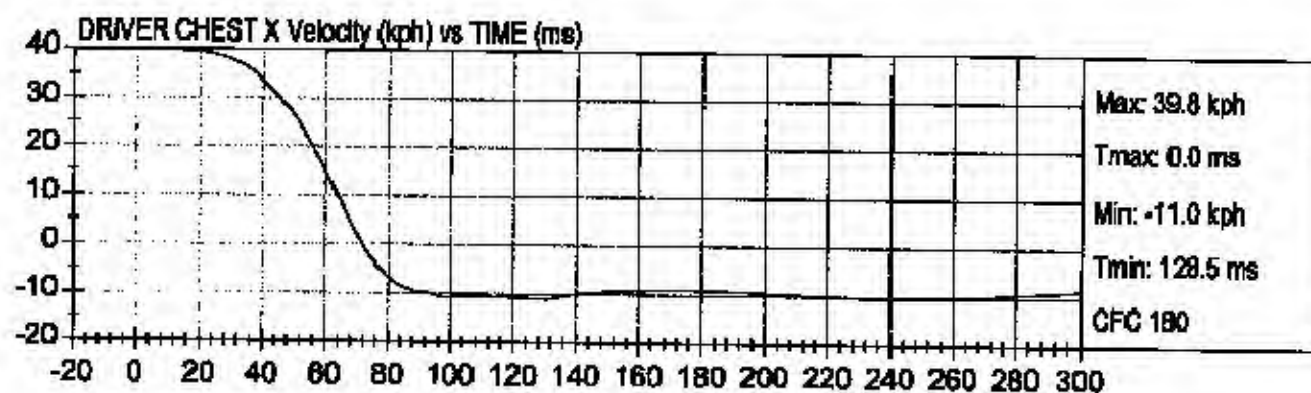
Test Date: 2/27/2004
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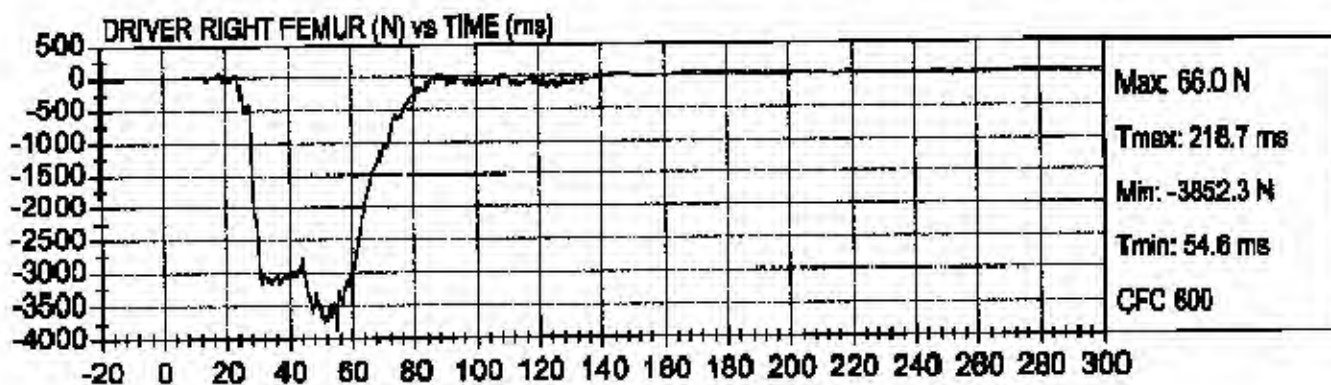
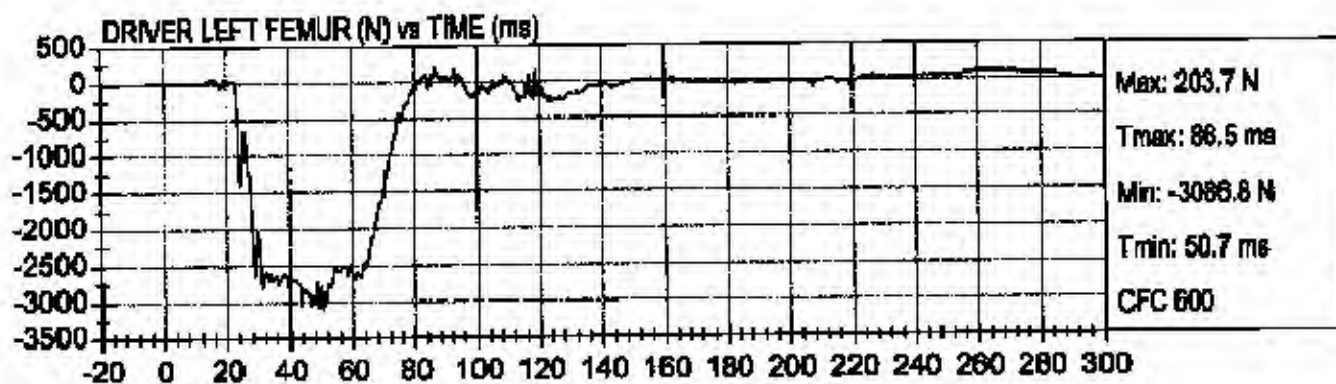
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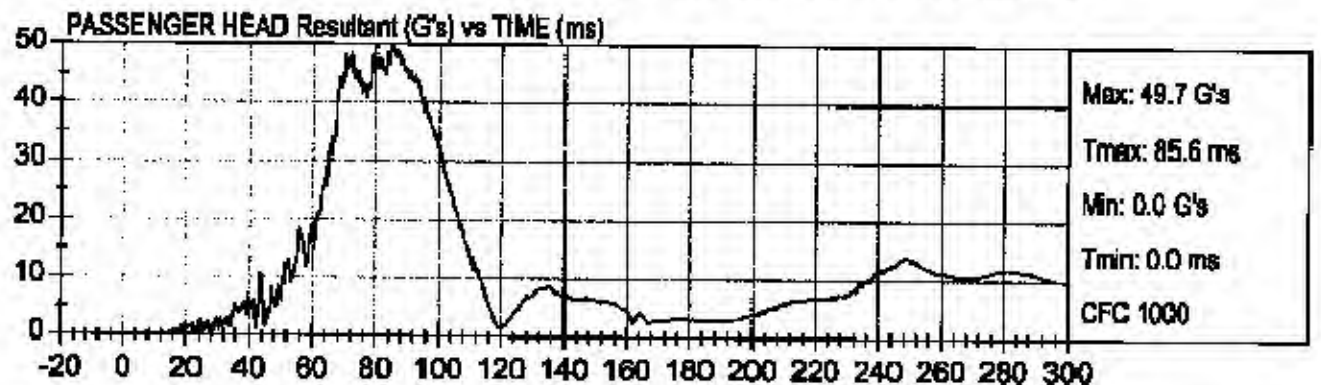
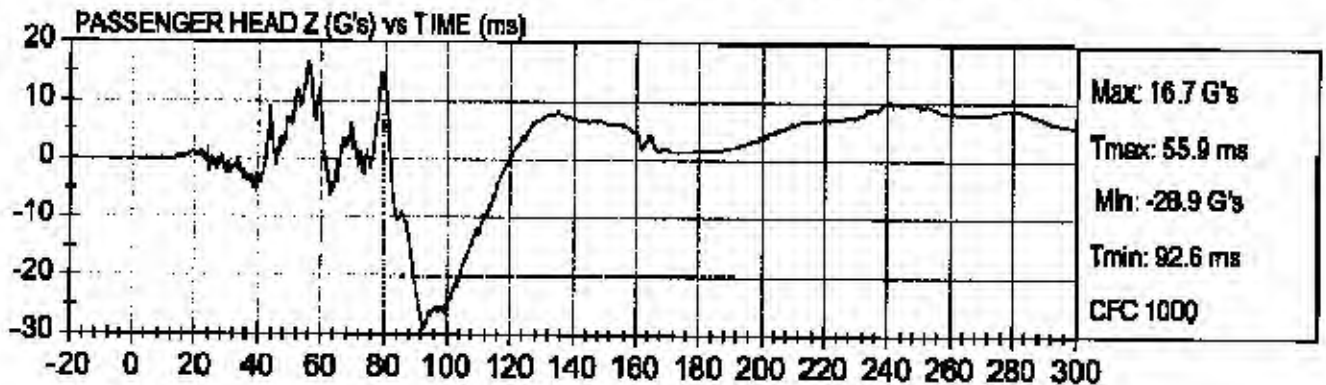
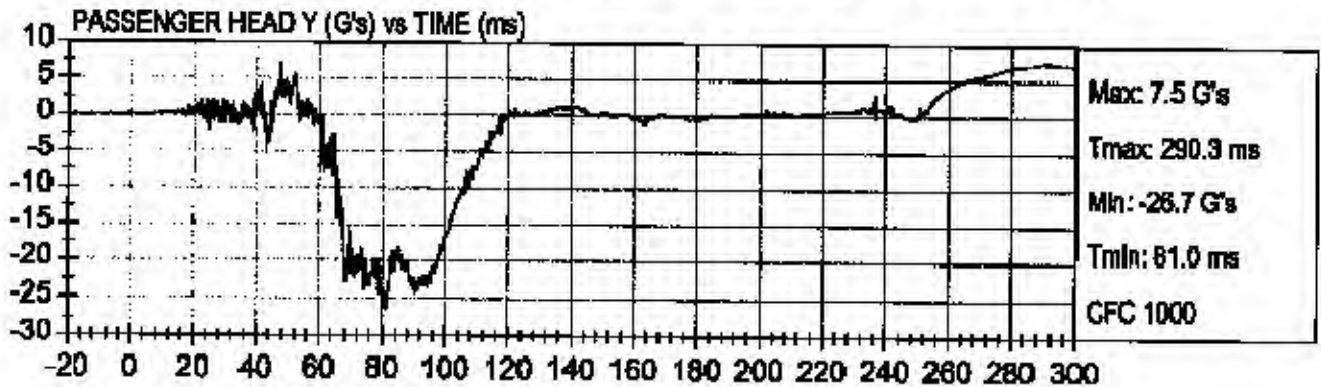
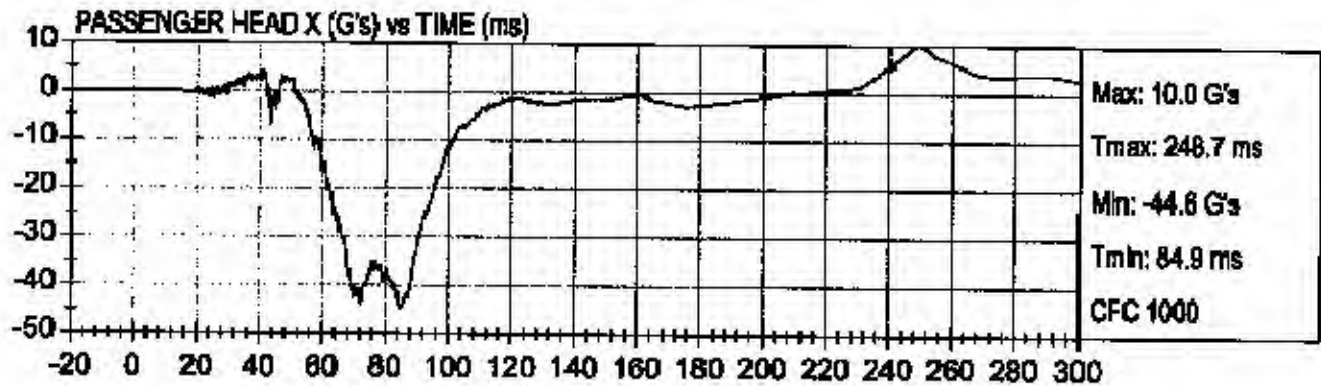
Test Date: 2/27/2004
Speed: 24.7 mph (39.6 km/h)





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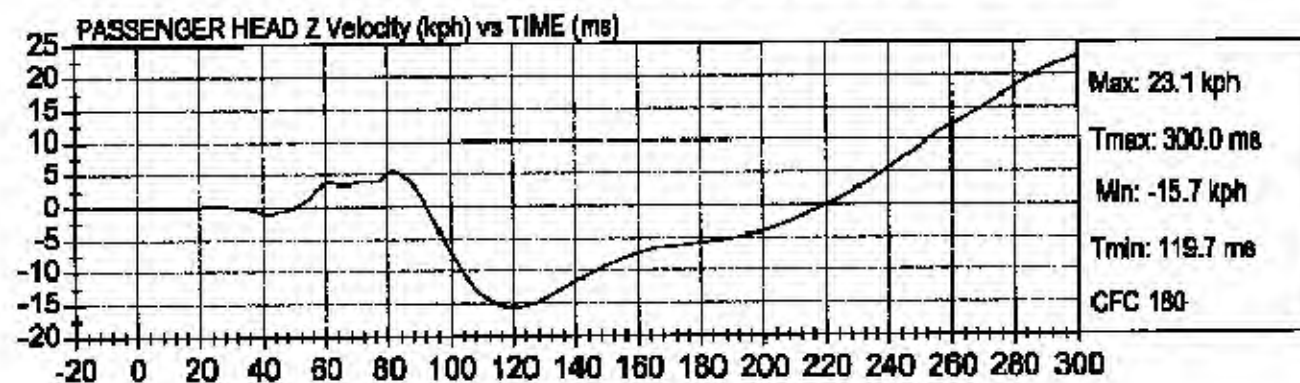
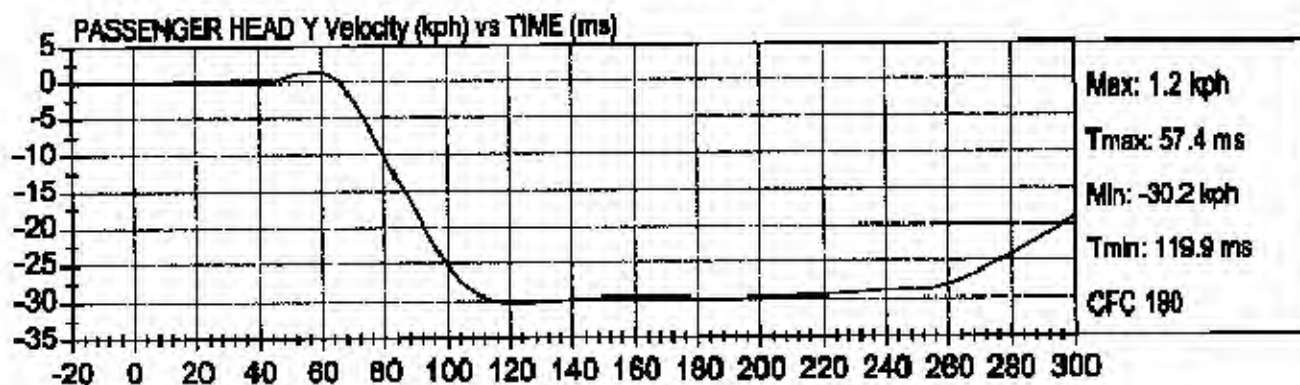
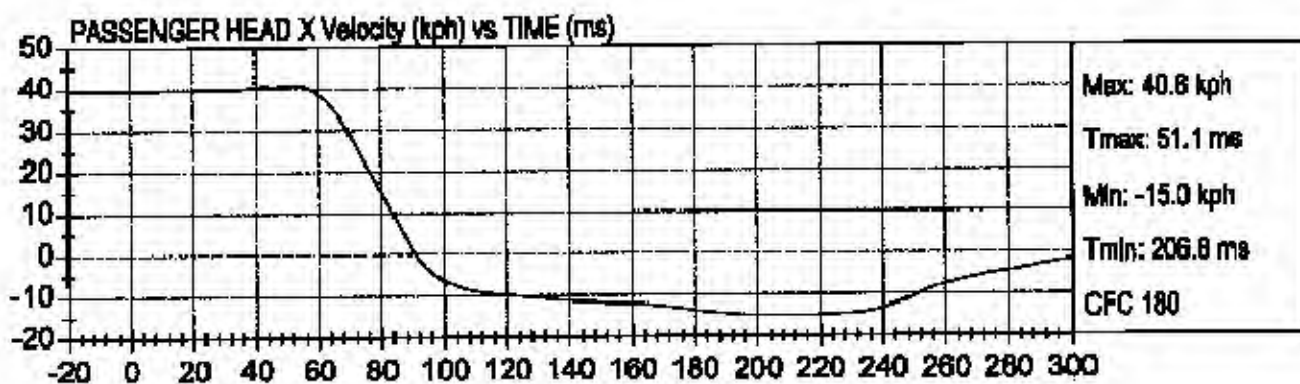
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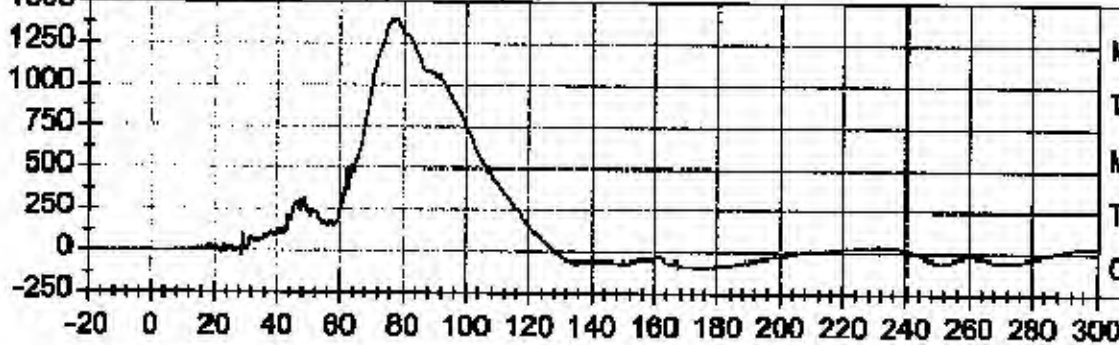




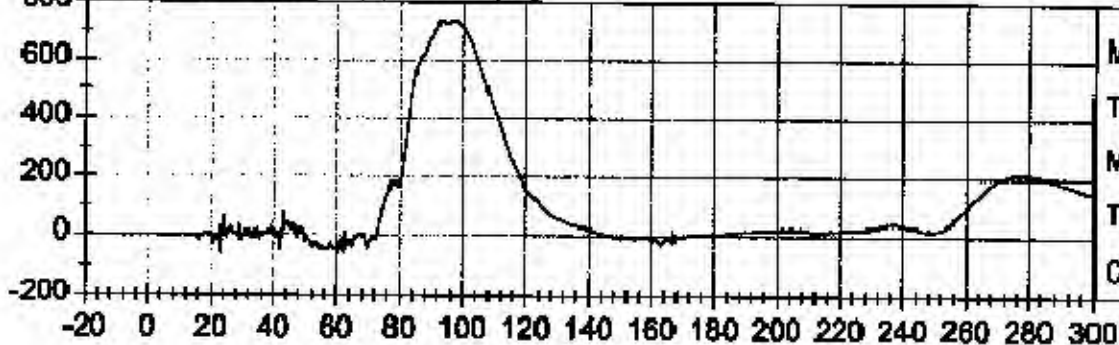
25 MPH FRONTAL UNBELTED
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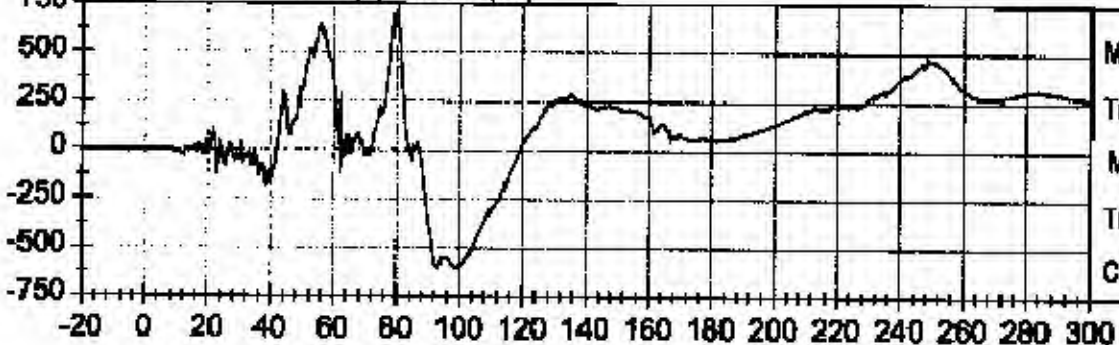
PASSENGER NECK FX (N) vs TIME (ms)



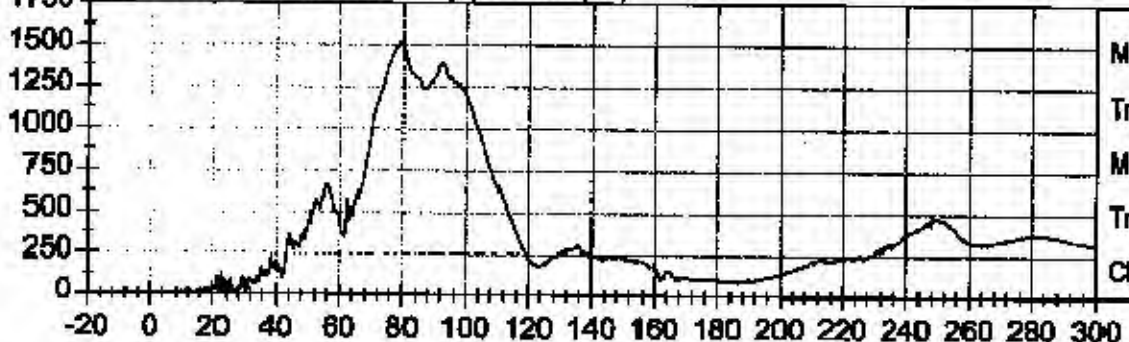
PASSENGER NECK FY (N) vs TIME (ms)



PASSENGER NECK FZ (N) vs TIME (ms)



PASSENGER NECK FResultant (N) vs TIME (ms)

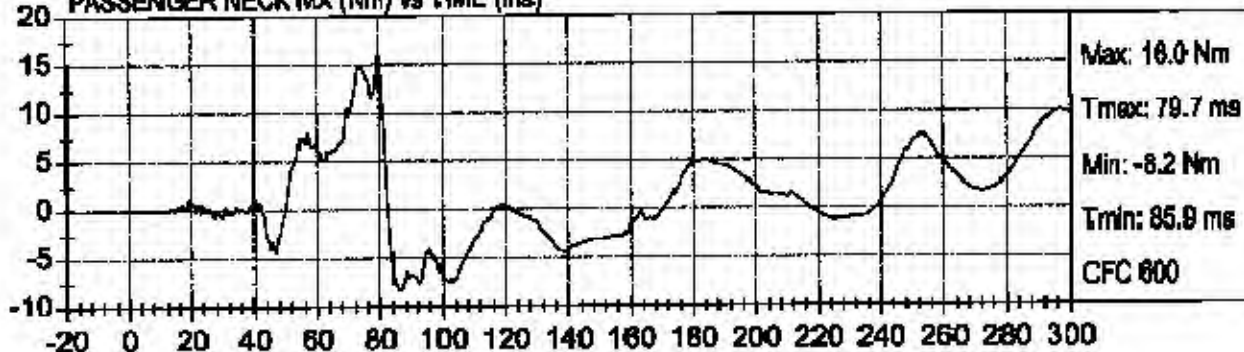




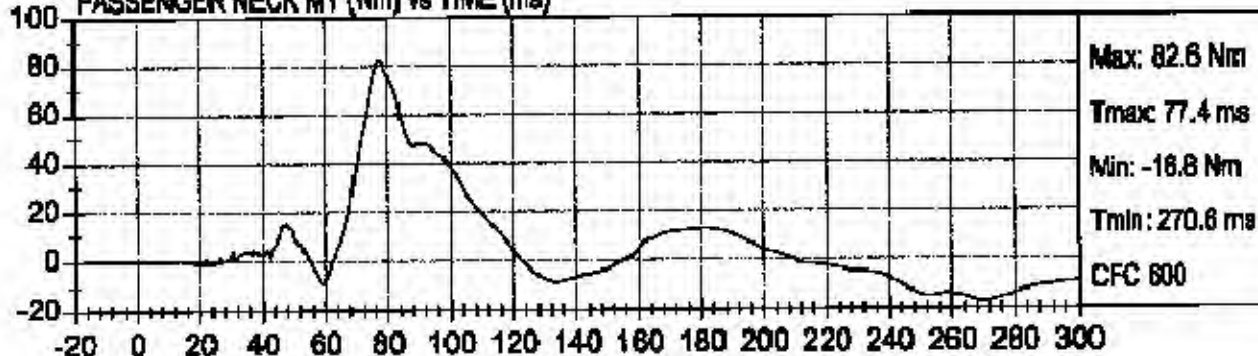
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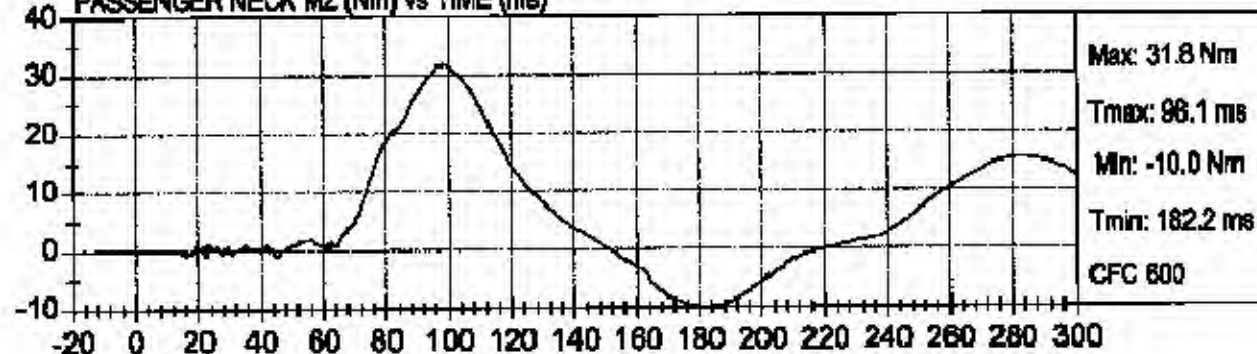
PASSENGER NECK MX (Nm) vs TIME (ms)



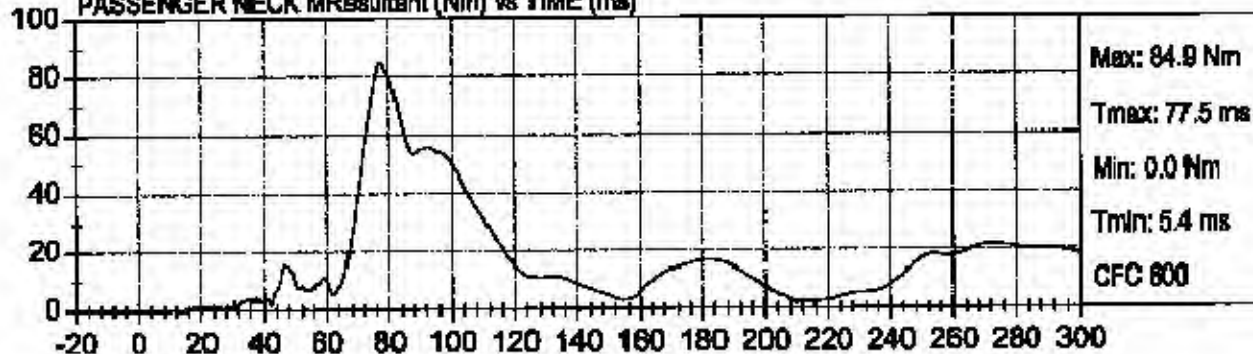
PASSENGER NECK MY (Nm) vs TIME (ms)



PASSENGER NECK MZ (Nm) vs TIME (ms)



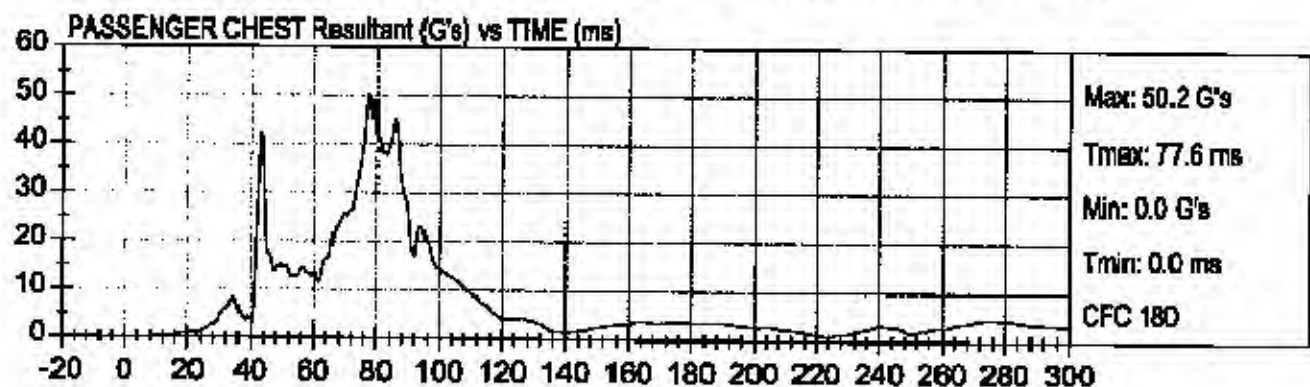
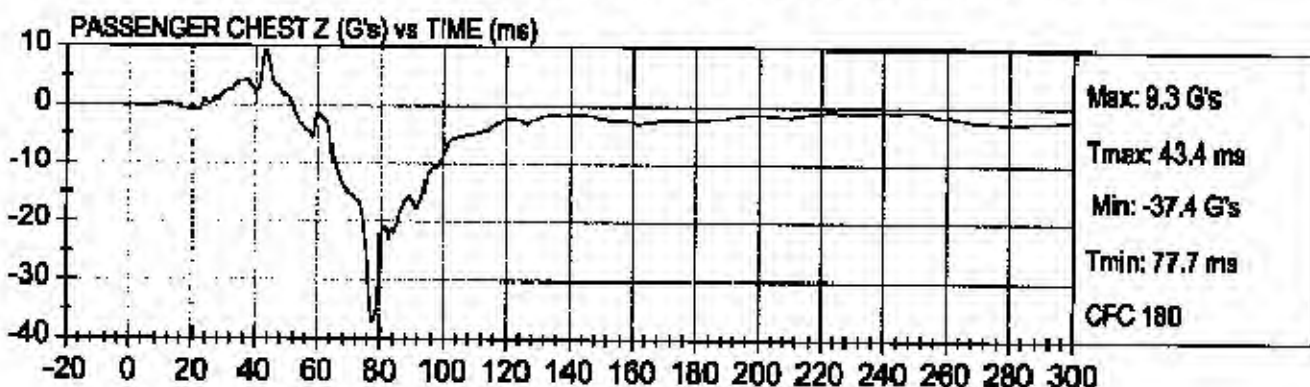
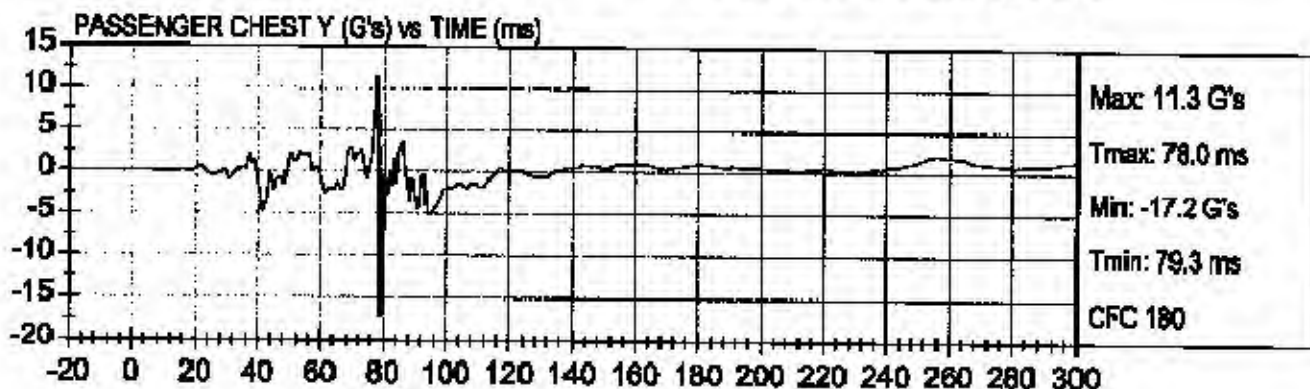
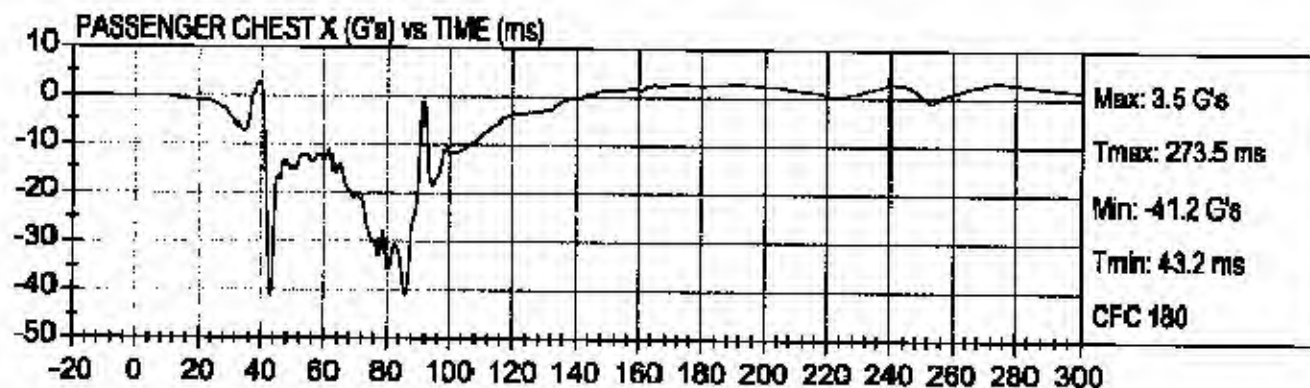
PASSENGER NECK MResultant (Nm) vs TIME (ms)





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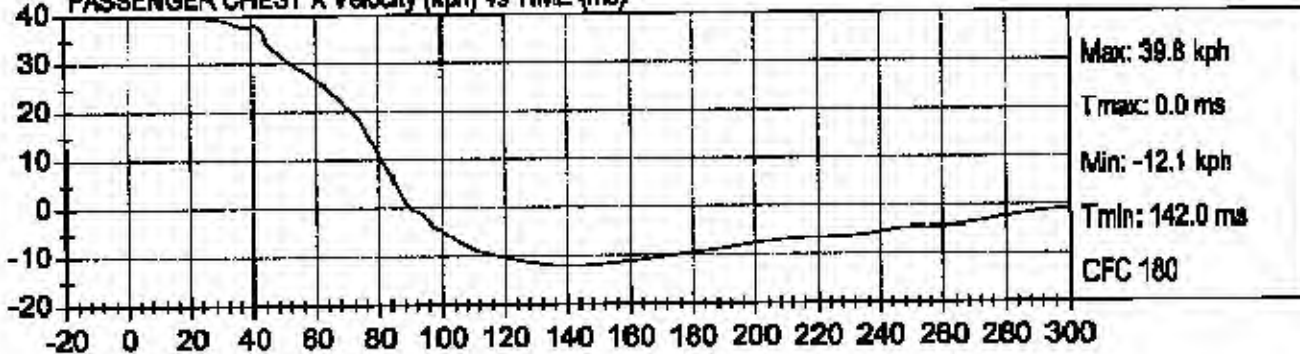




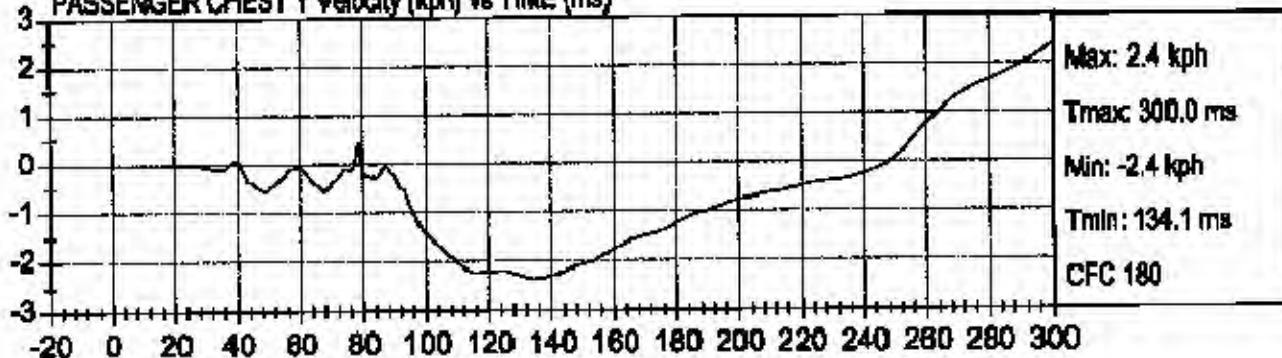
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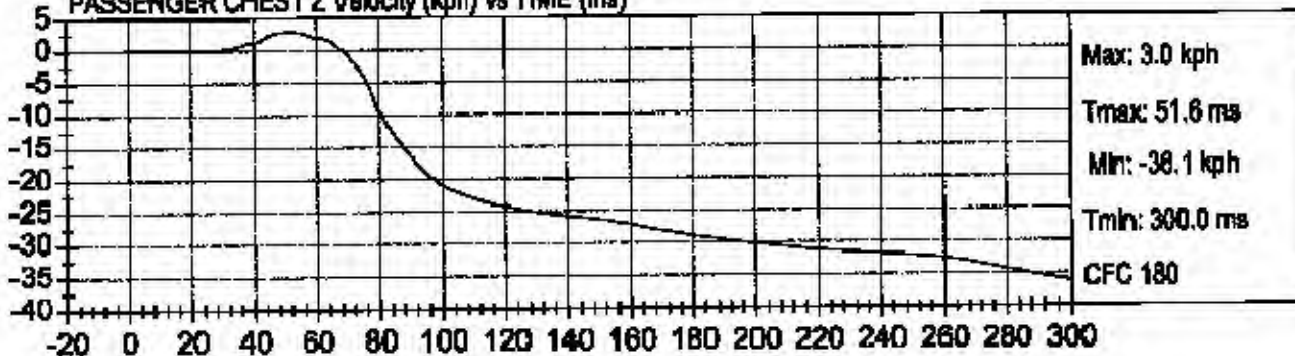
PASSENGER CHEST X Velocity (kph) vs TIME (ms)



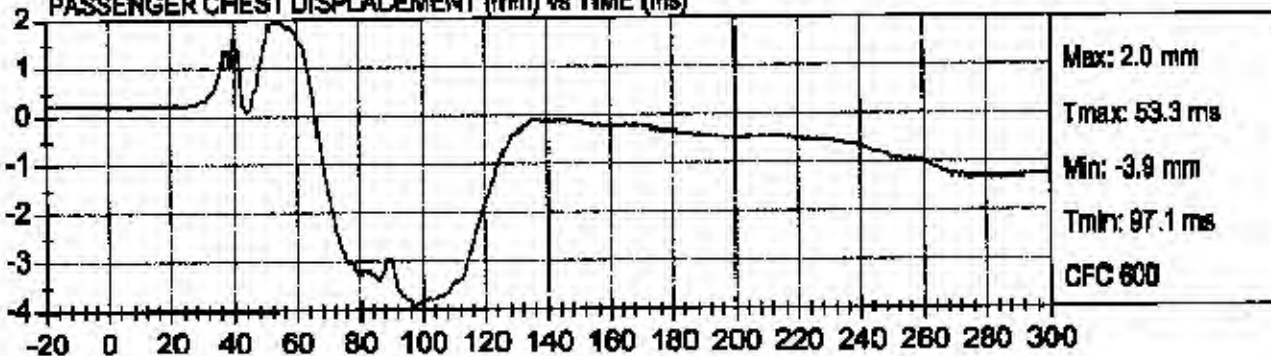
PASSENGER CHEST Y Velocity (kph) vs TIME (ms)



PASSENGER CHEST Z Velocity (kph) vs TIME (ms)



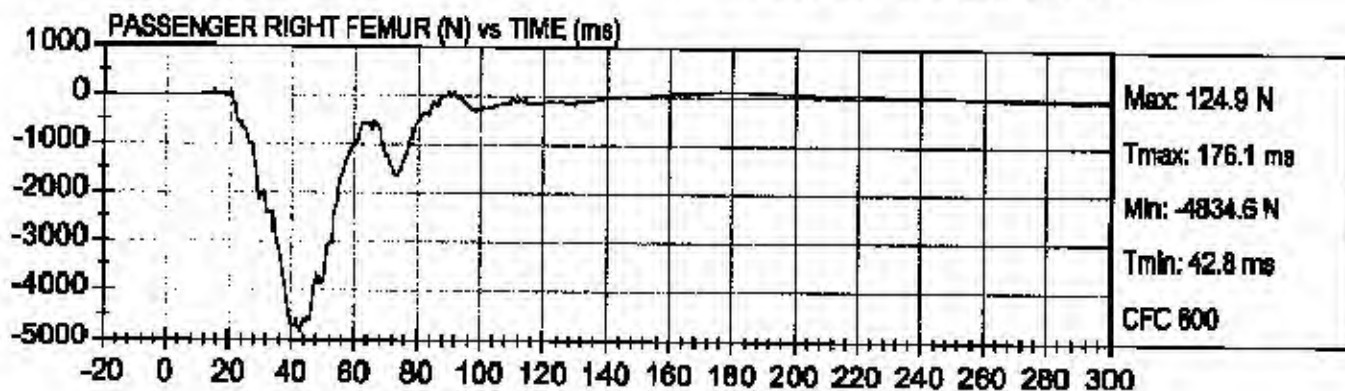
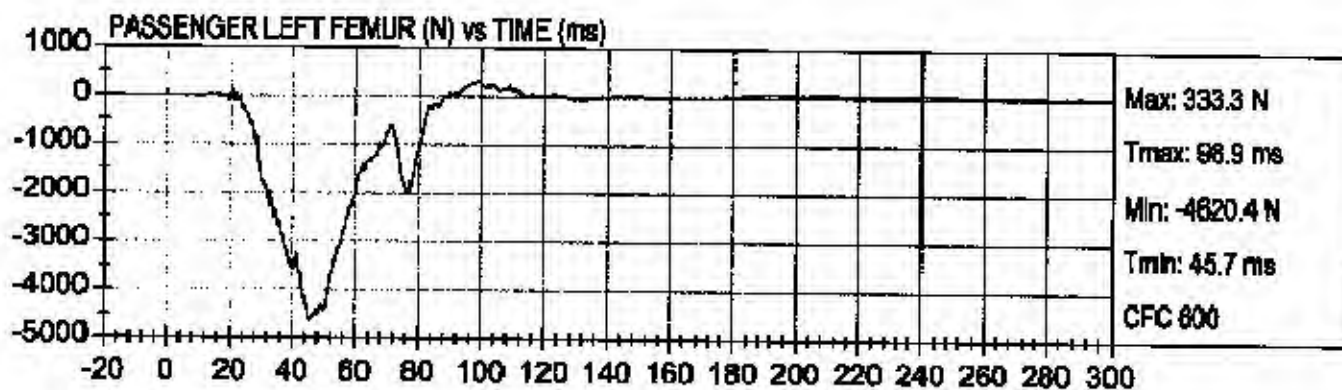
PASSENGER CHEST DISPLACEMENT (mm) vs TIME (ms)



**mga**

25 MPH FRONTAL UNBELTED
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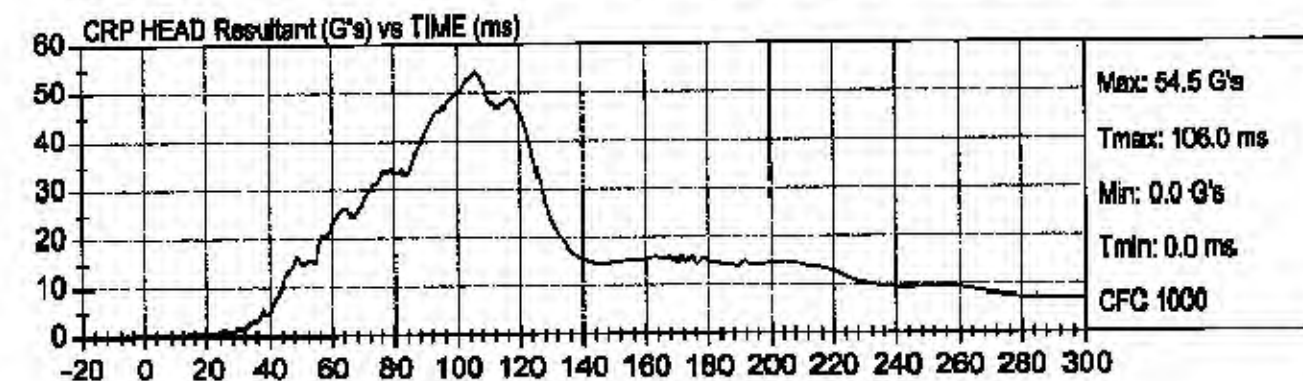
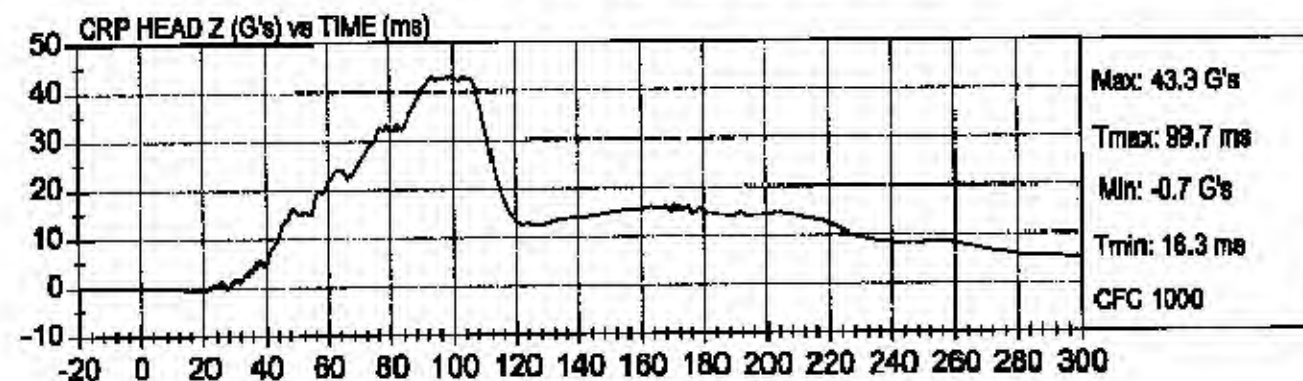
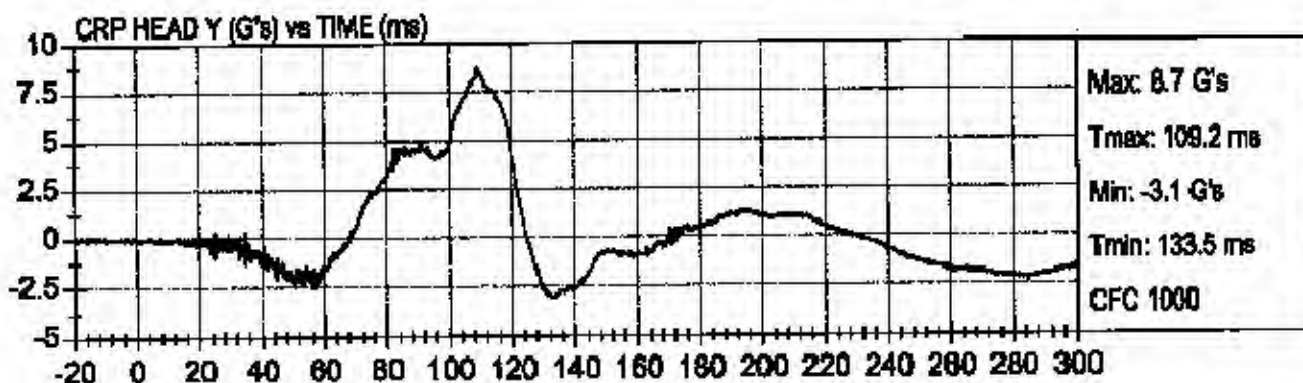
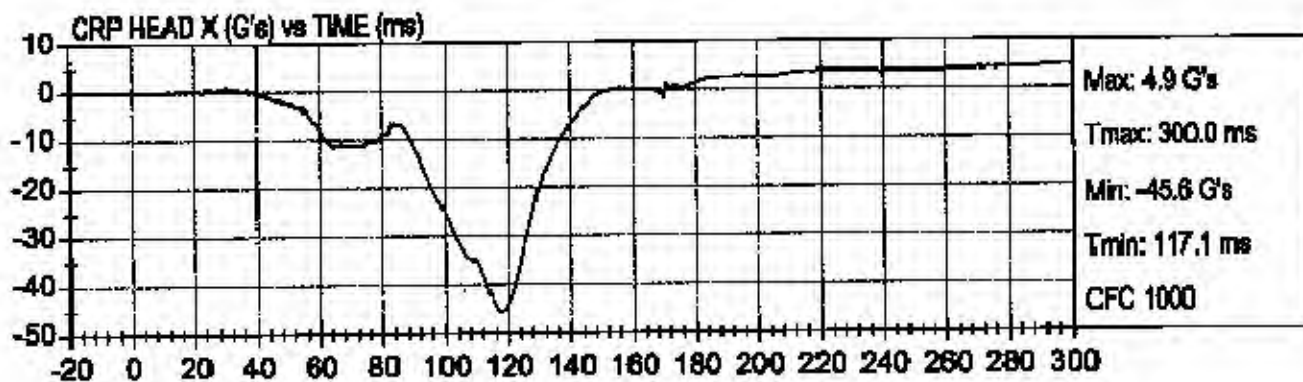
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2004 JEEP LIBERTY (C40300)

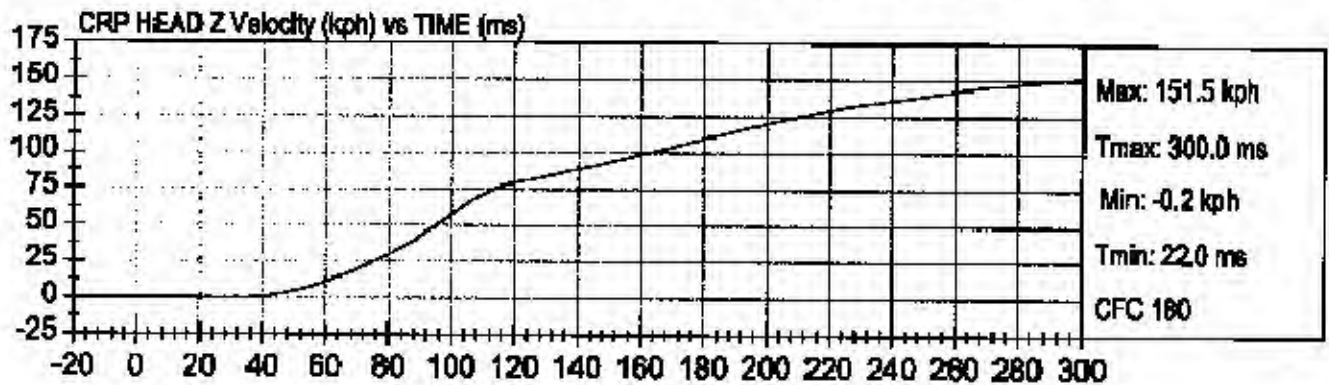
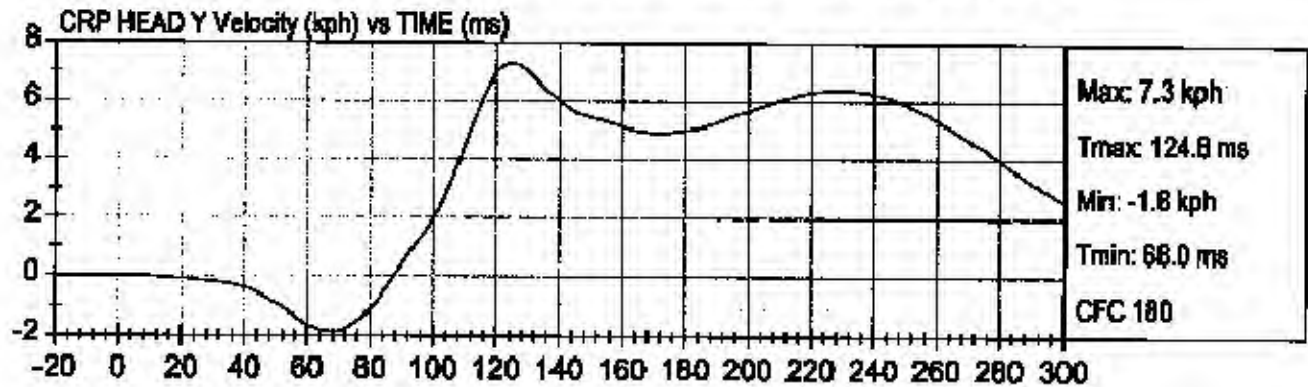
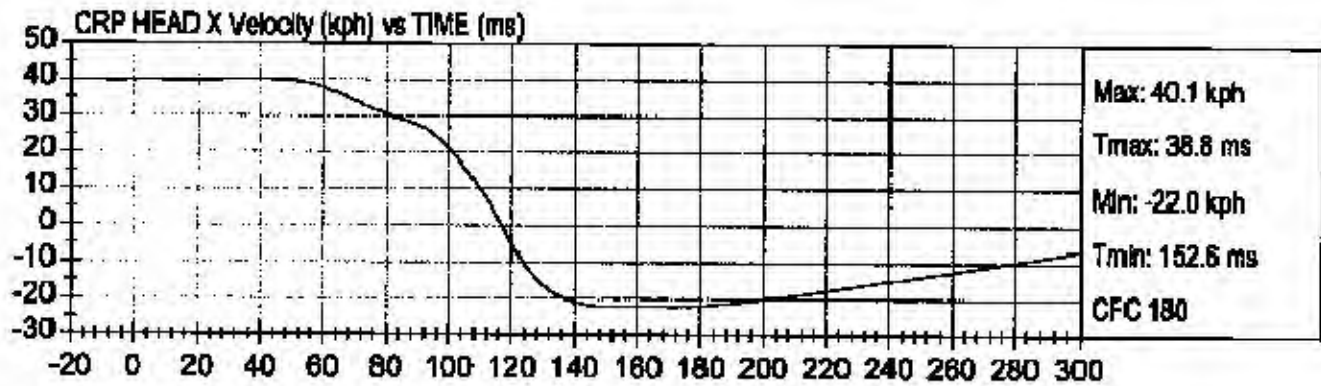
Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)





25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

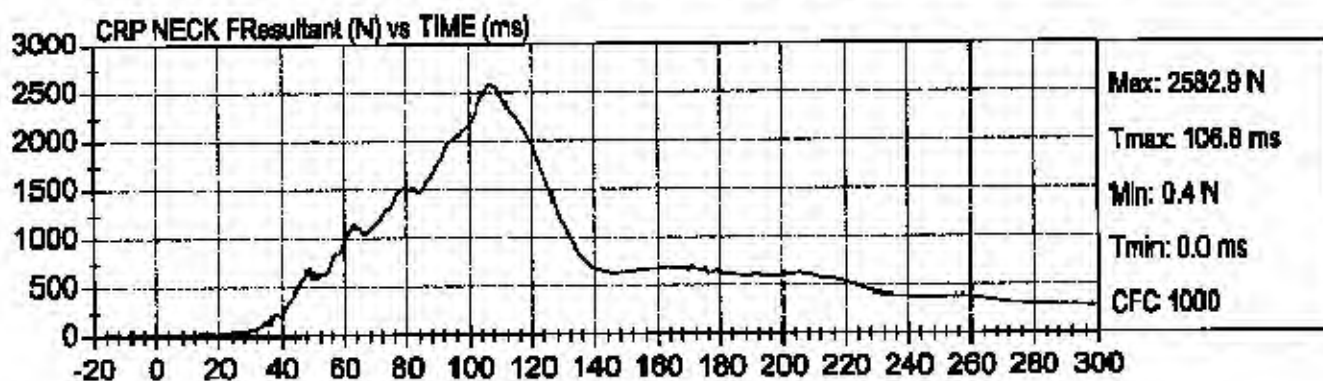
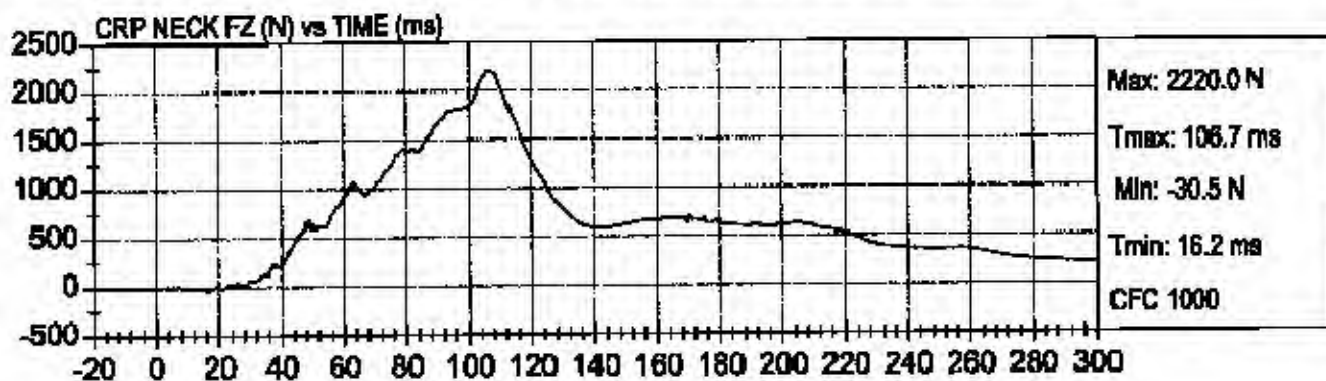
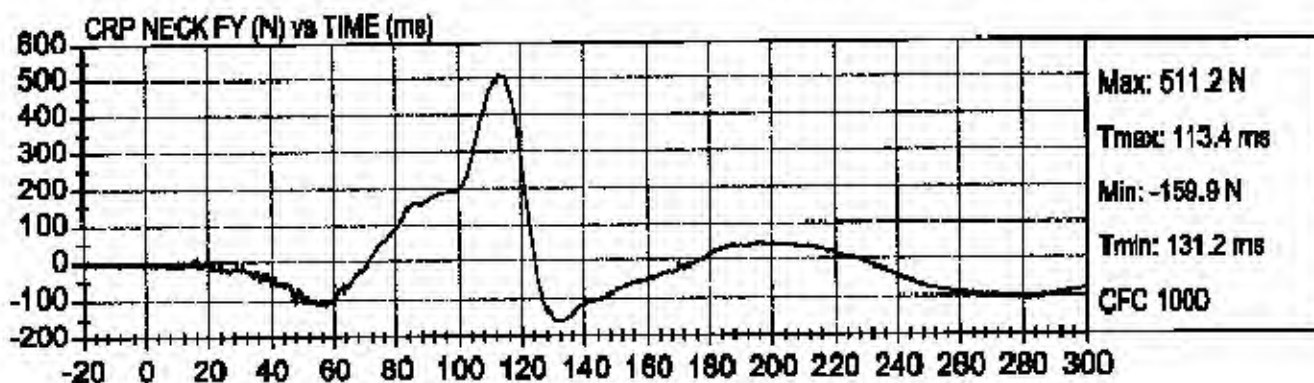
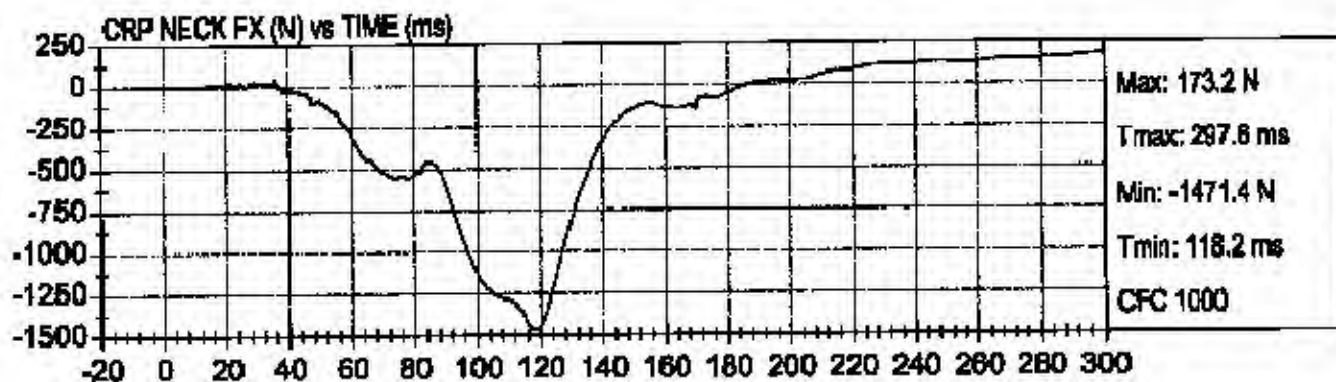
Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)





25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

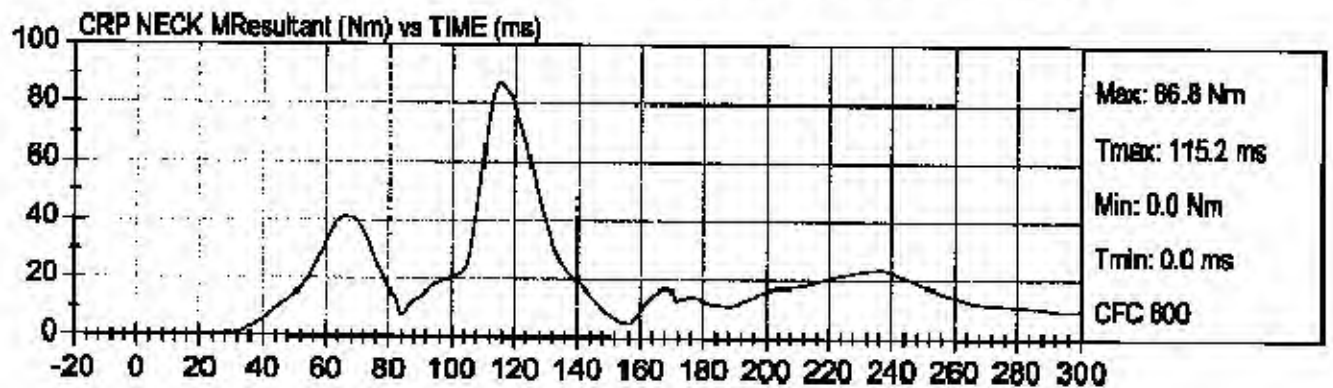
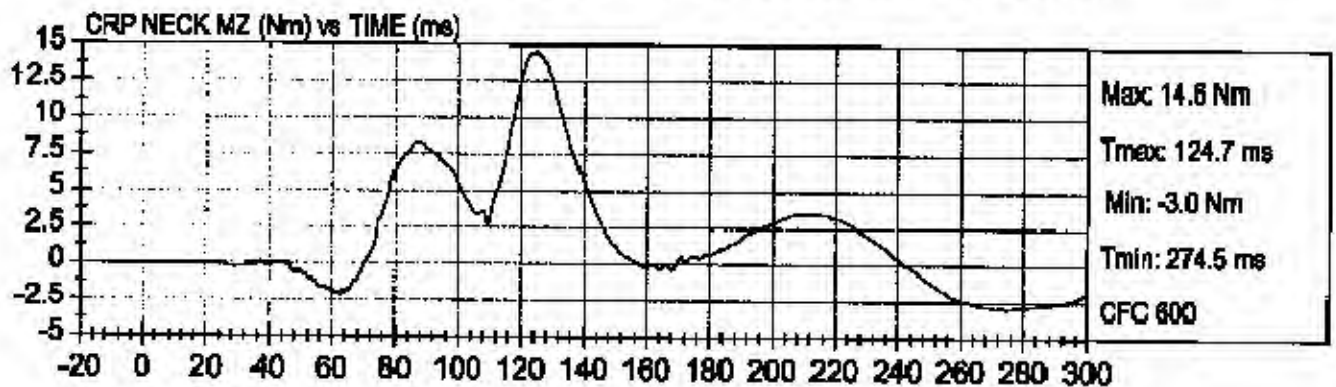
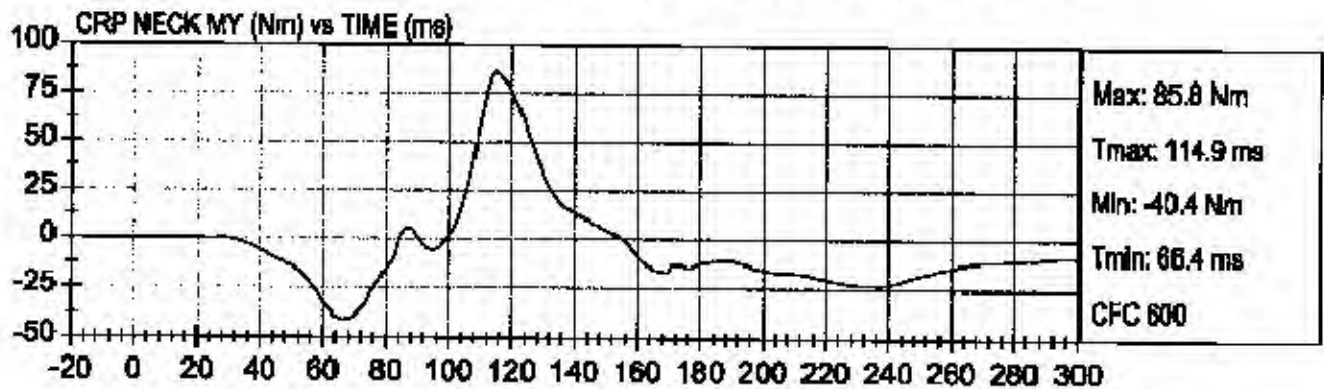
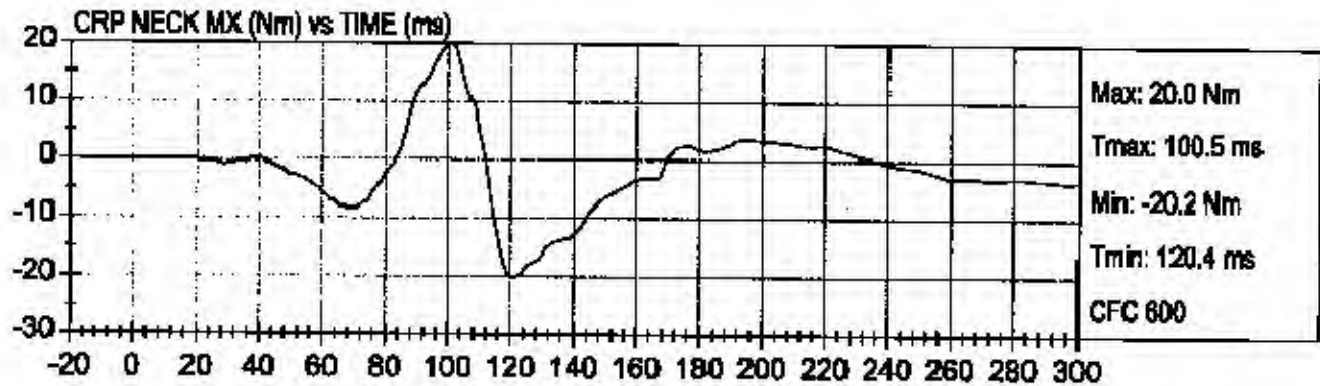
Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)





25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

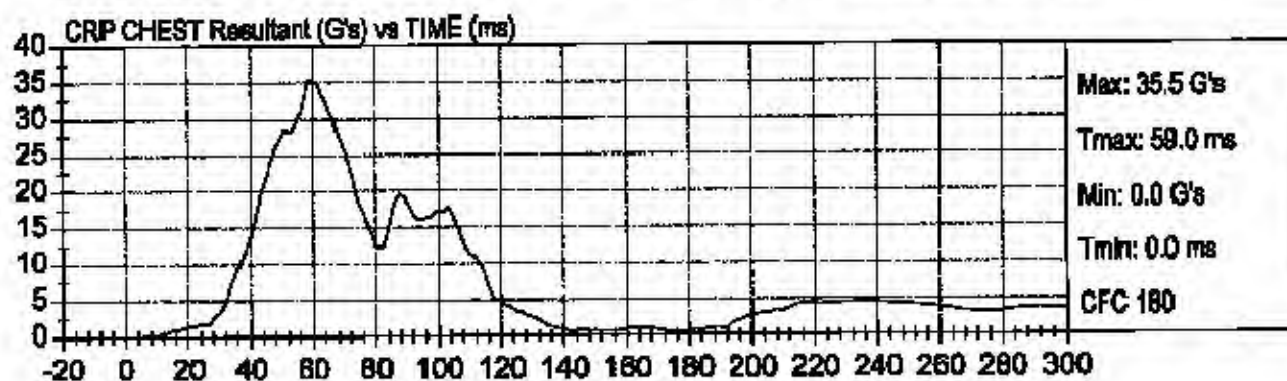
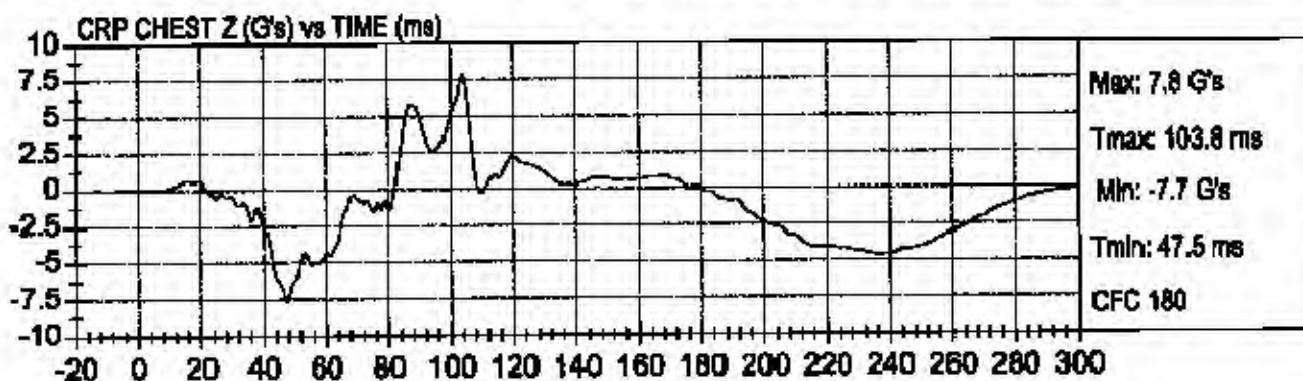
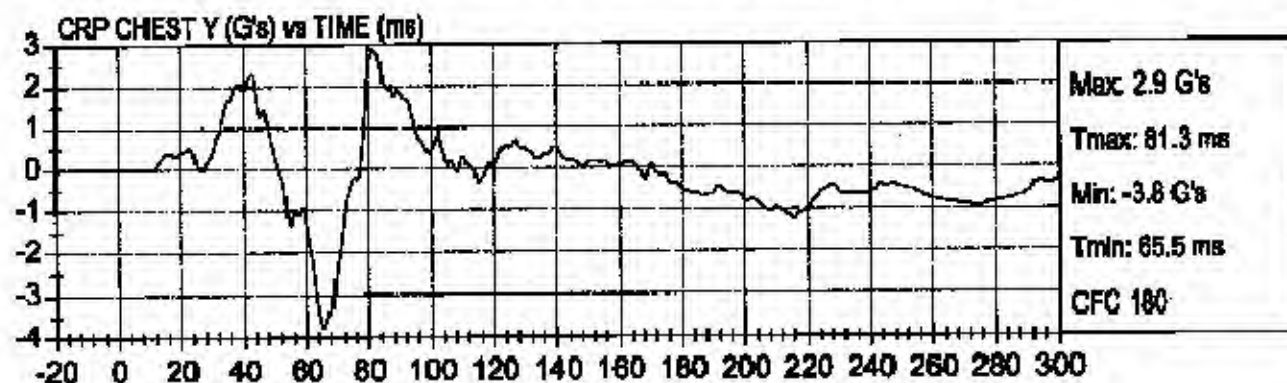
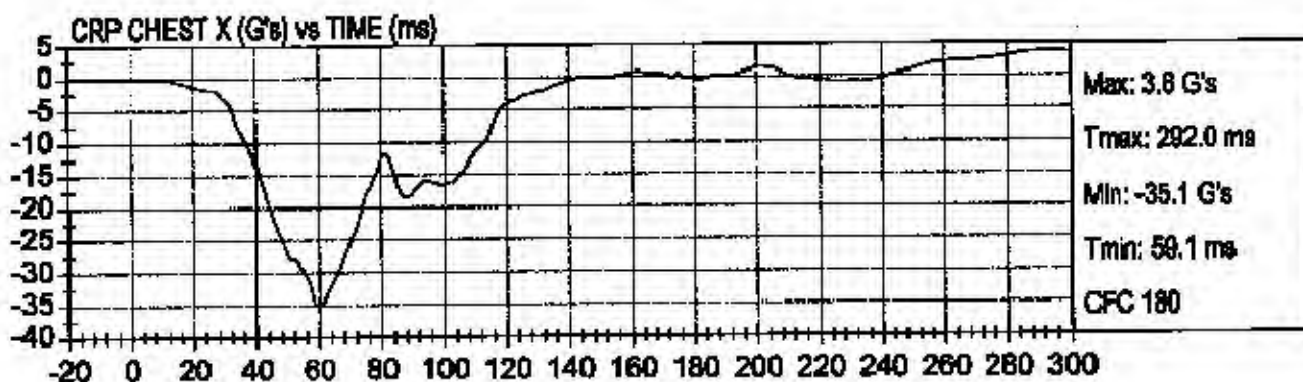
Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)





25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)

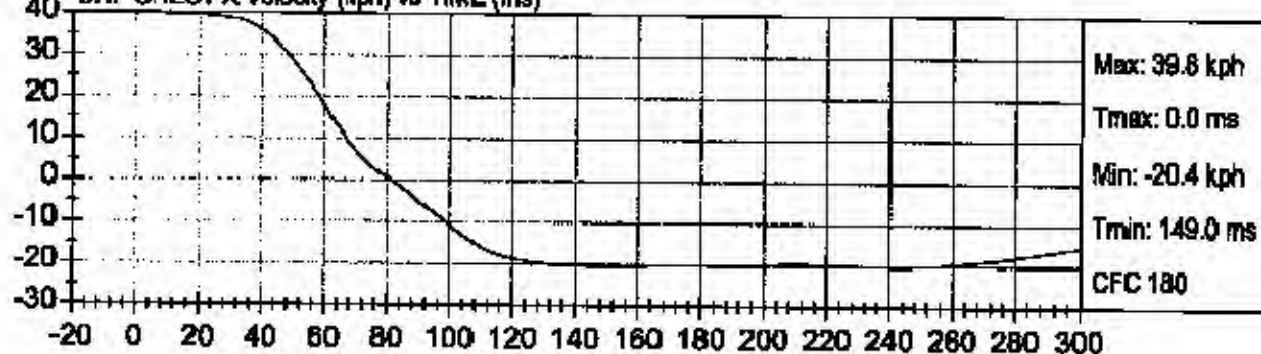




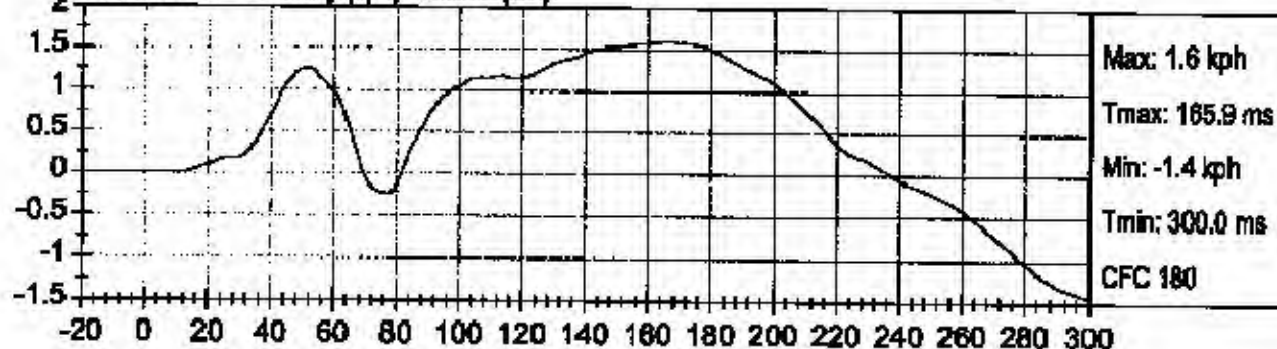
25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)

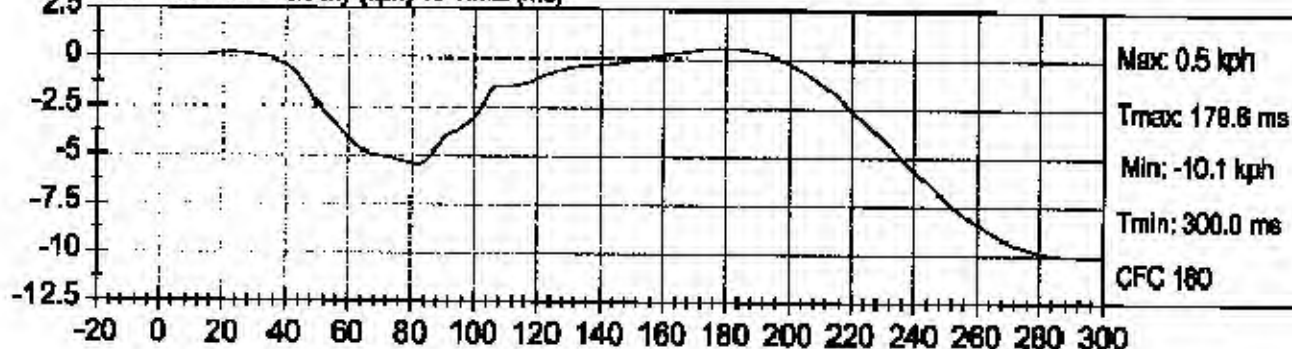
CRP CHEST X Velocity (kph) vs TIME (ms)



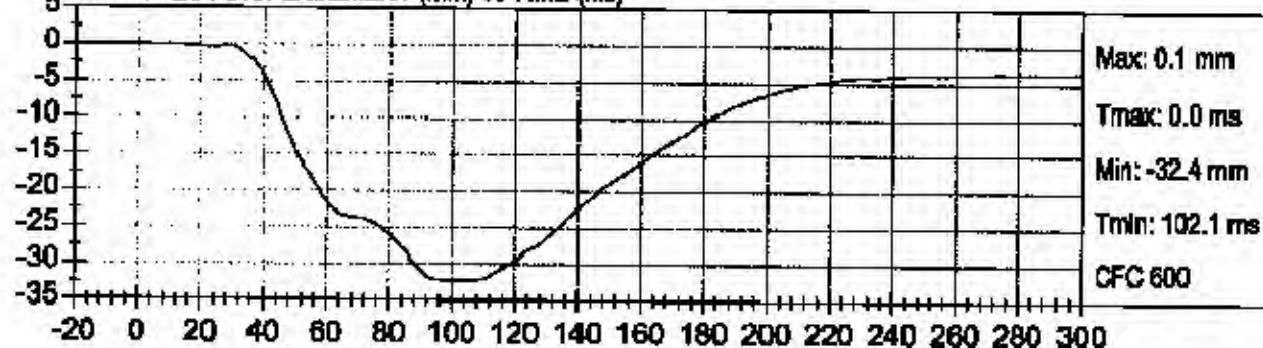
CRP CHEST Y Velocity (kph) vs TIME (ms)



CRP CHEST Z Velocity (kph) vs TIME (ms)



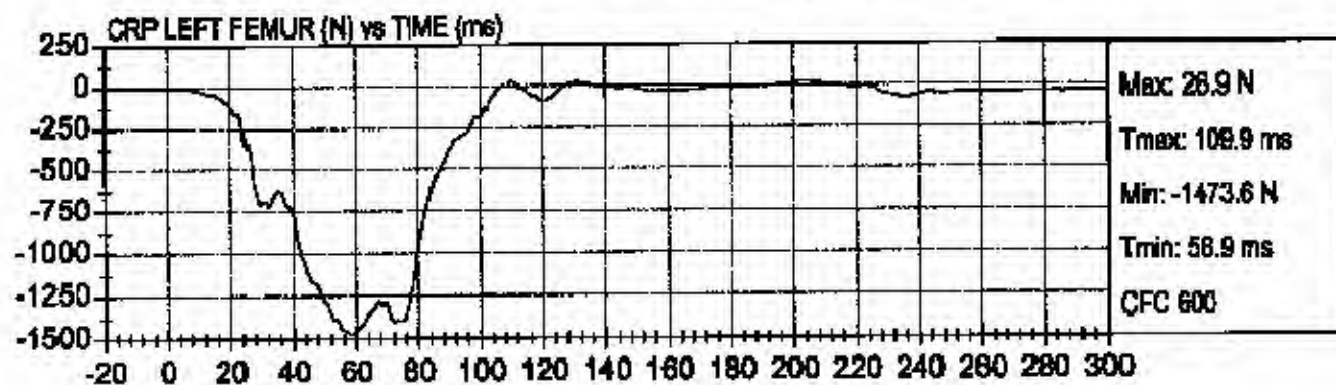
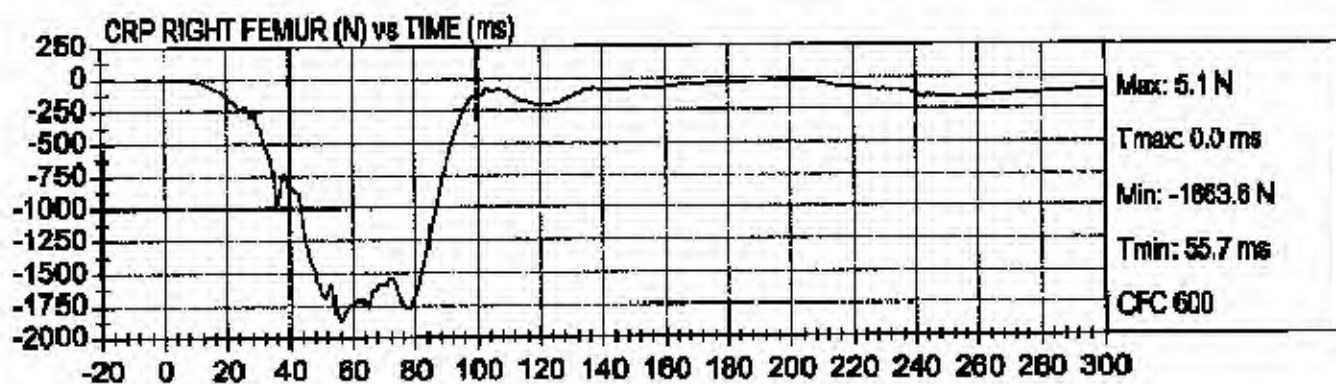
CRP CHEST DISPLACEMENT (mm) vs TIME (ms)





25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

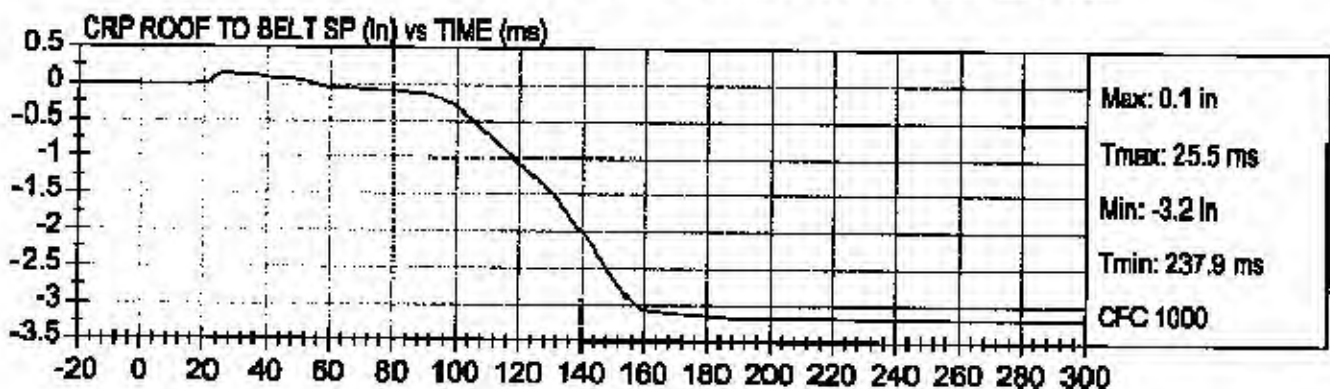
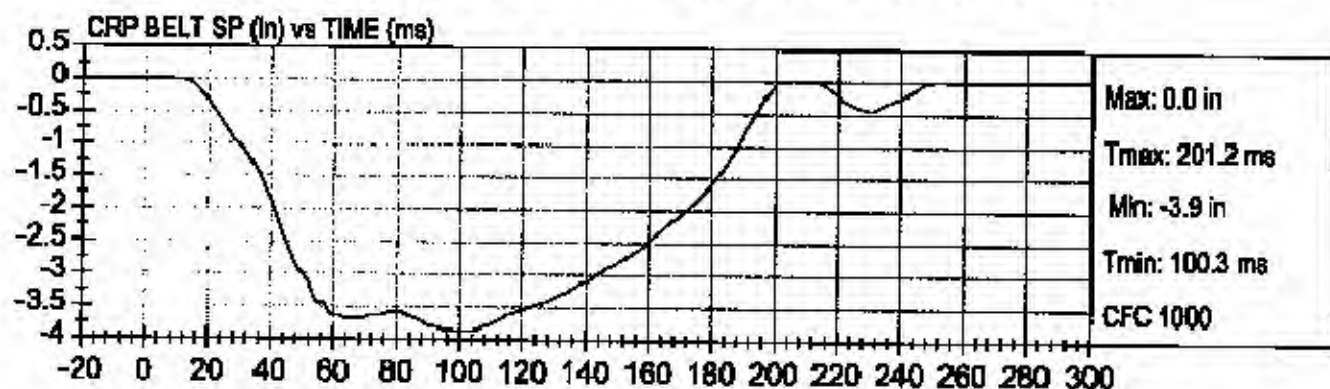
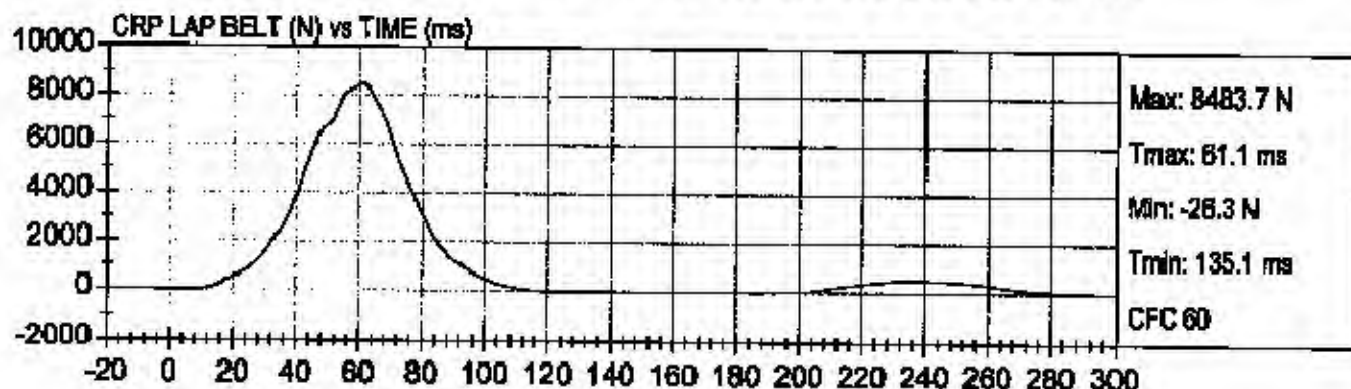
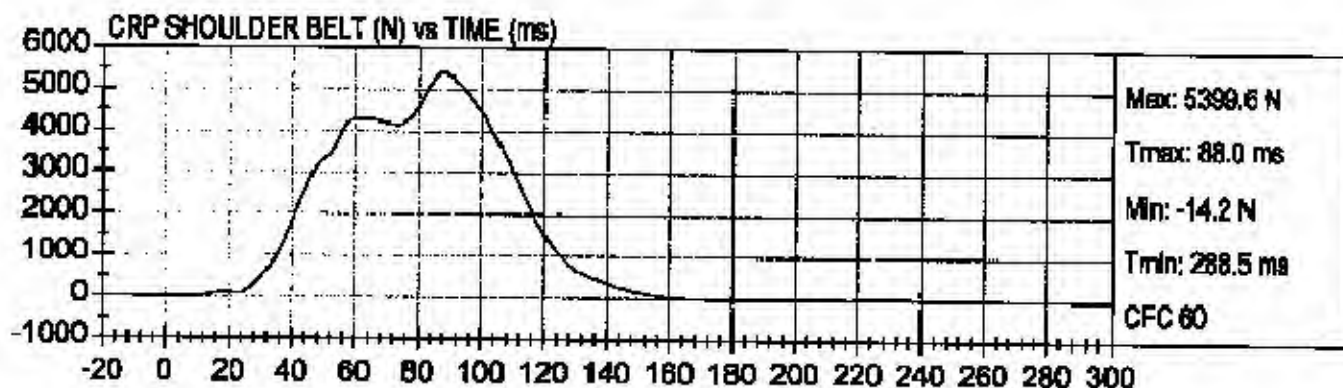
Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)





25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)

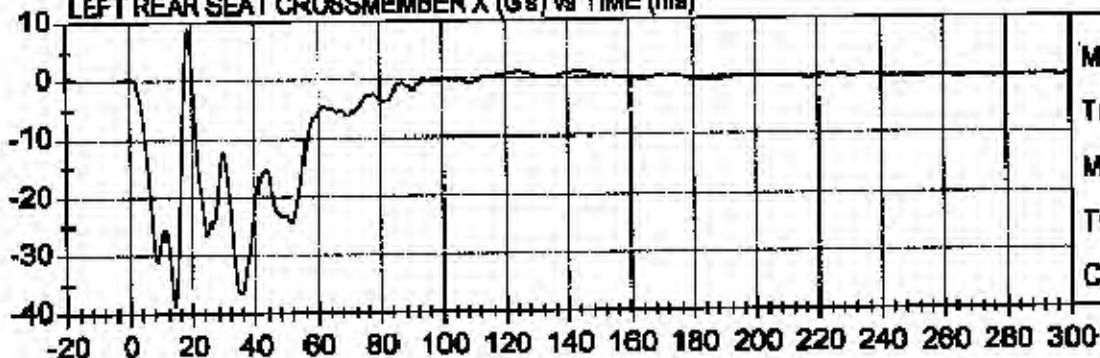




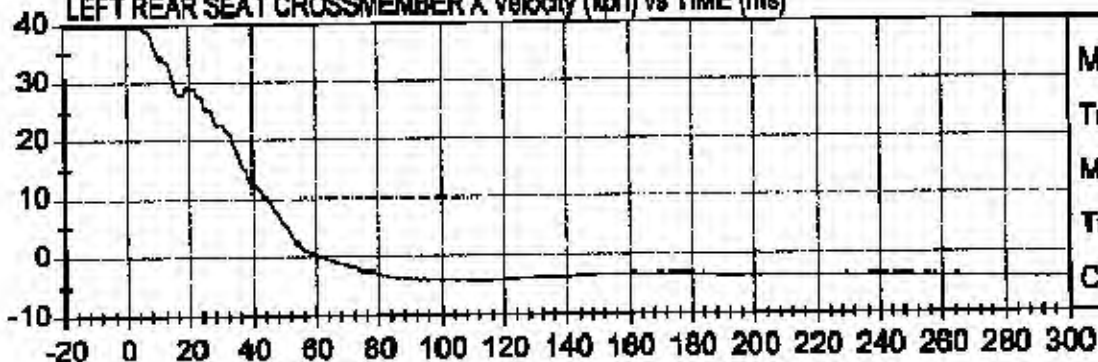
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Speed: 24.7 mph (39.8 km/h)

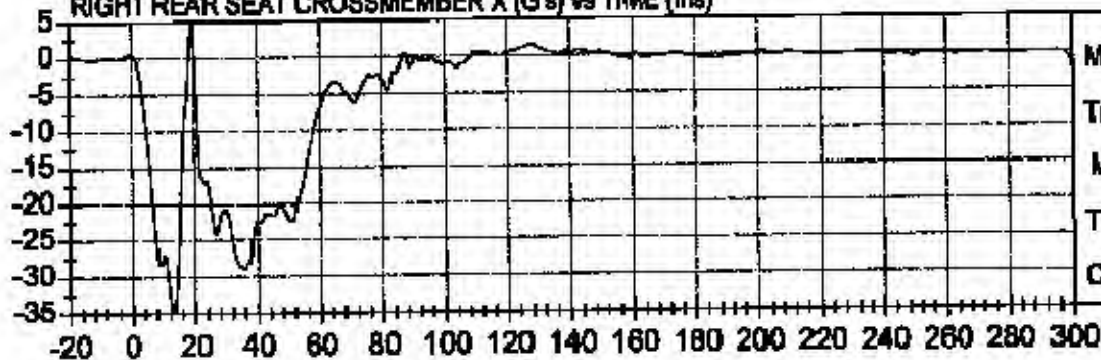
LEFT REAR SEAT CROSSMEMBER X (G's) vs TIME (ms)



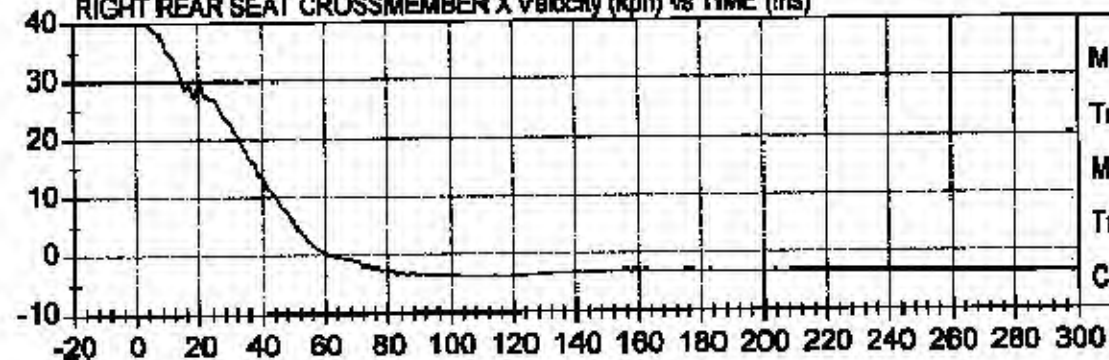
LEFT REAR SEAT CROSSMEMBER X Velocity (kph) vs TIME (ms)



RIGHT REAR SEAT CROSSMEMBER X (G's) vs TIME (ms)



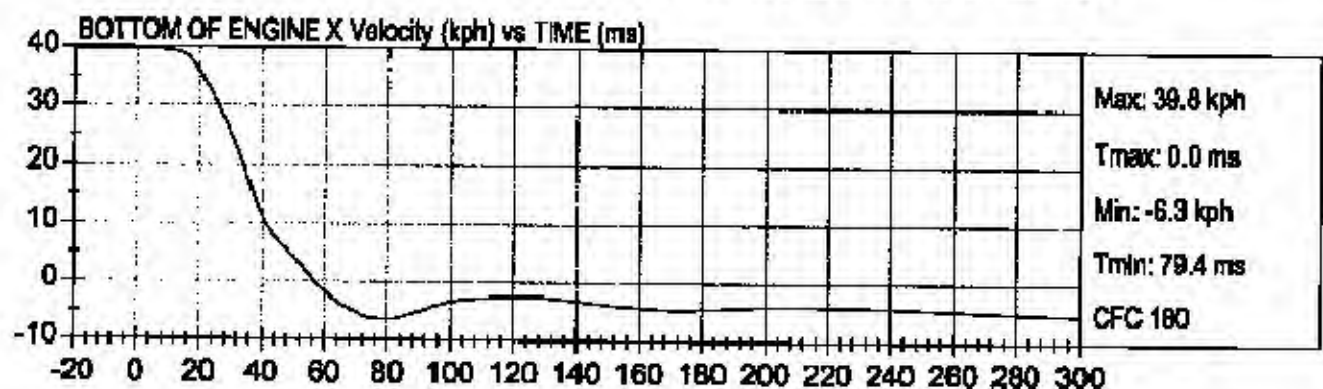
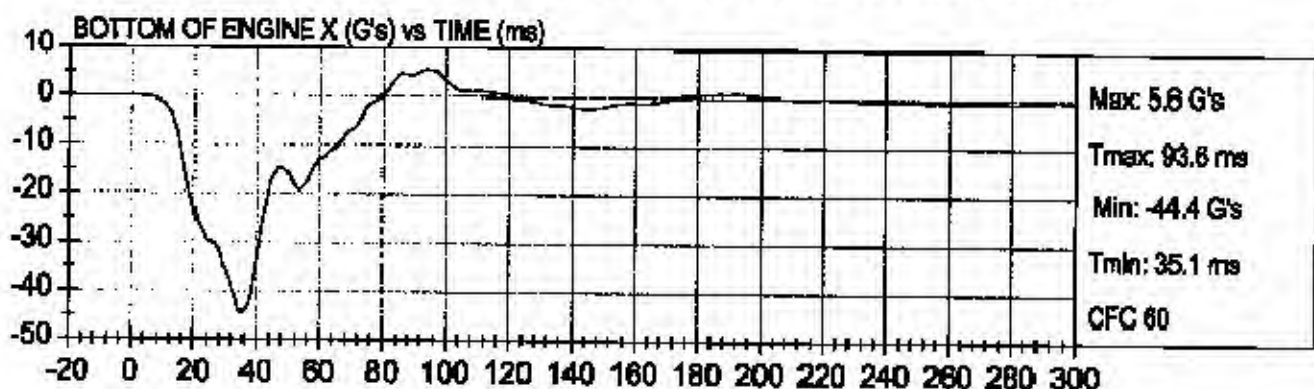
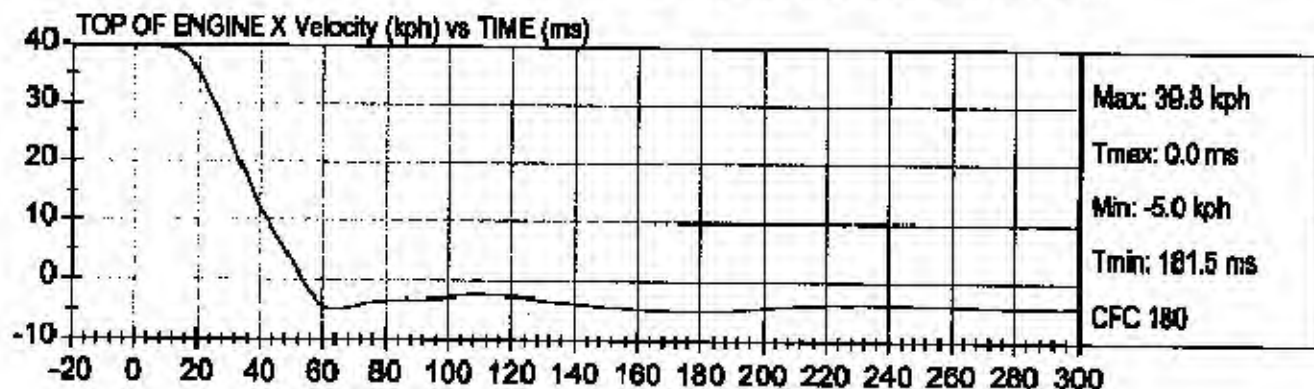
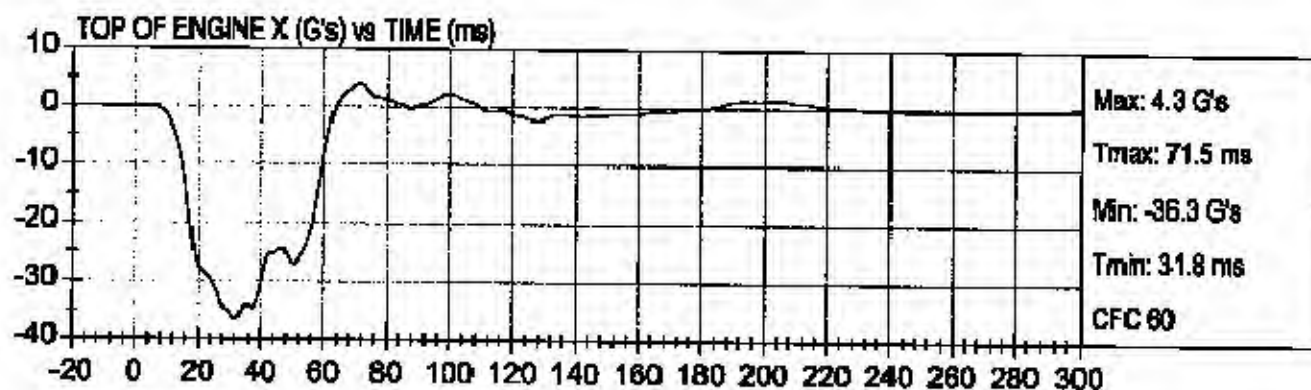
RIGHT REAR SEAT CROSSMEMBER X Velocity (kph) vs TIME (ms)





25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

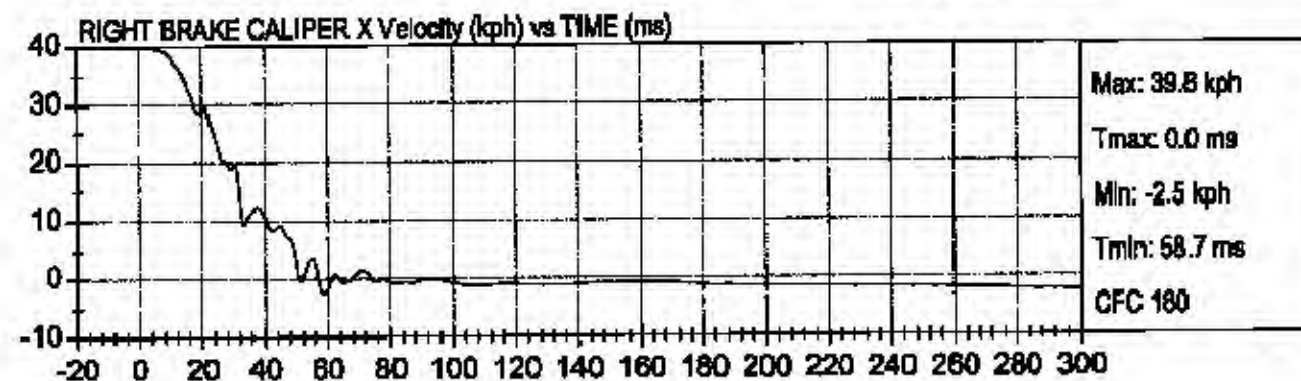
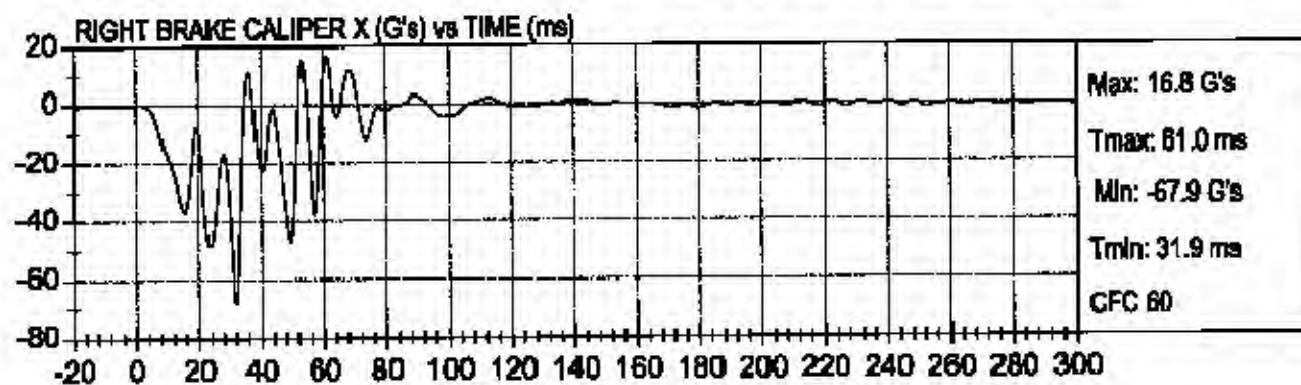
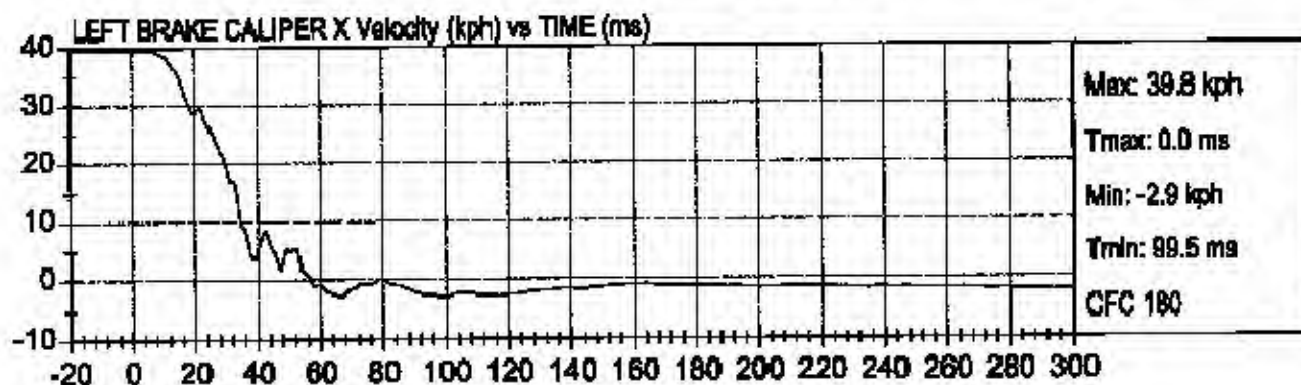
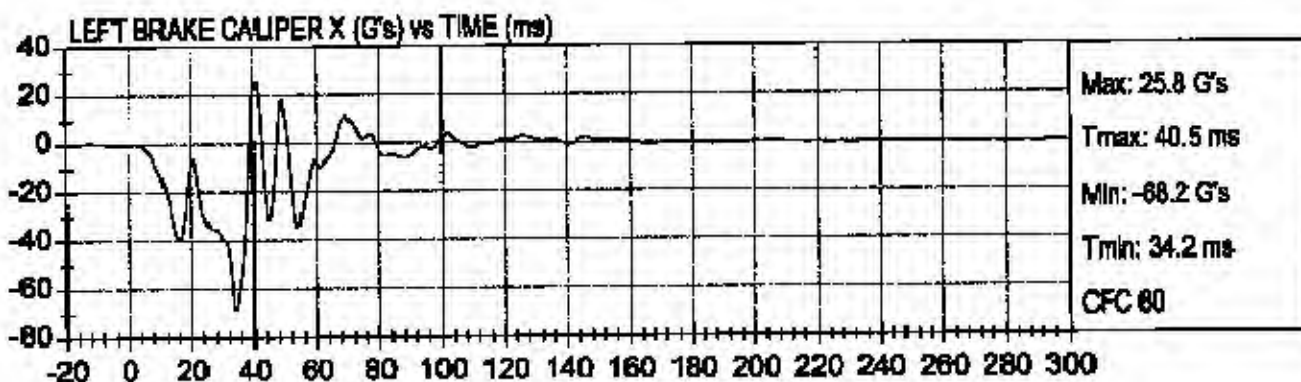
Test Data: 2/27/2004
Speed: 24.7 mph (39.8 km/h)





25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

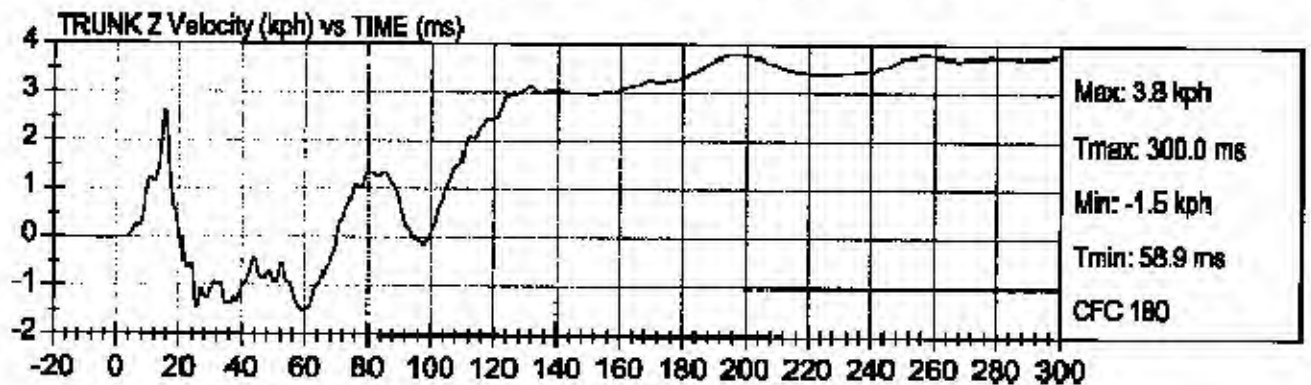
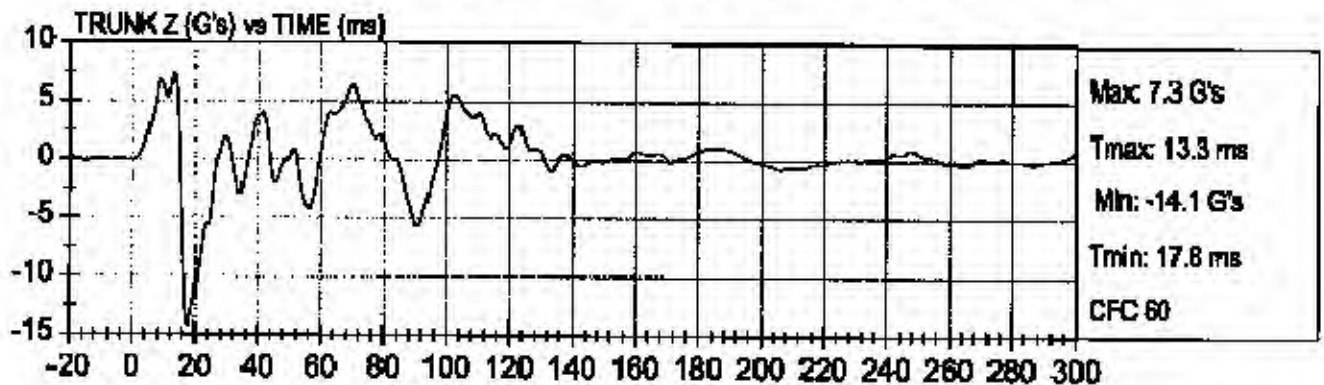
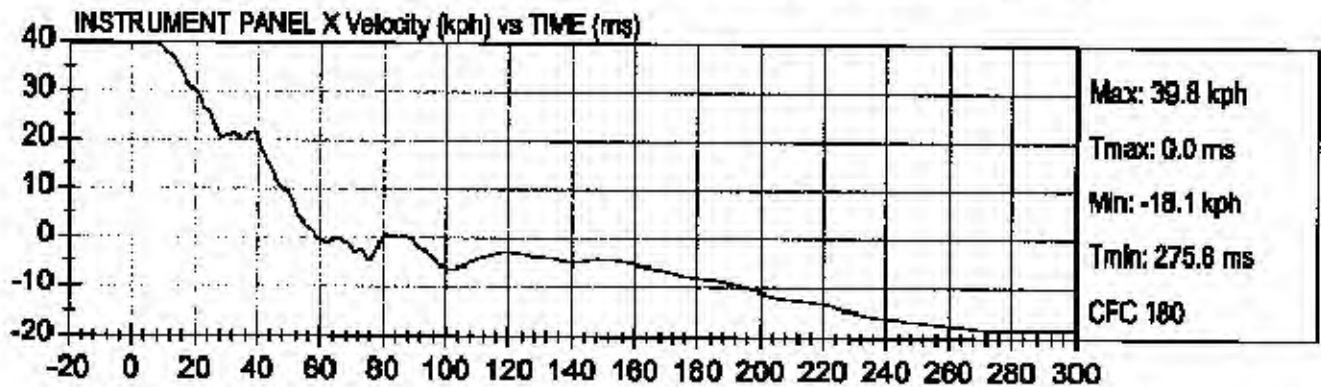
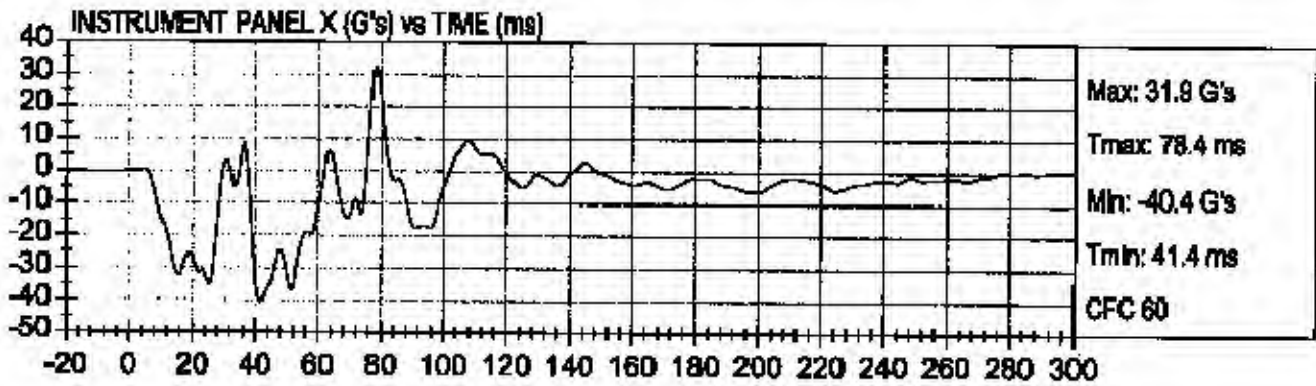
Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)





25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)

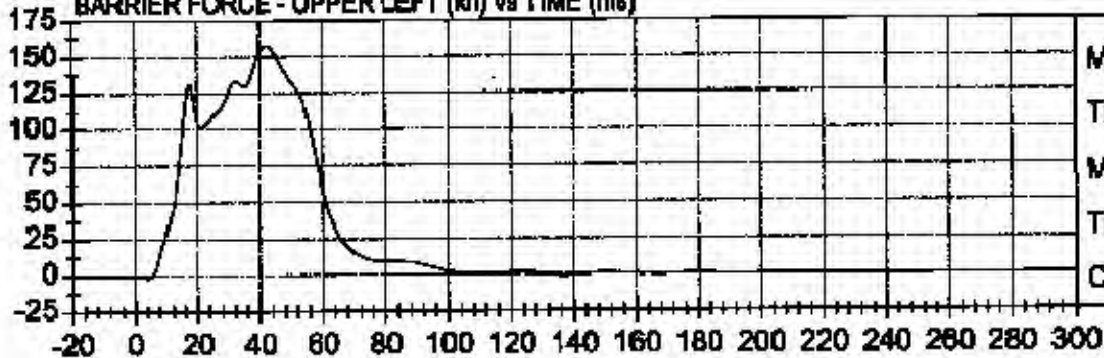




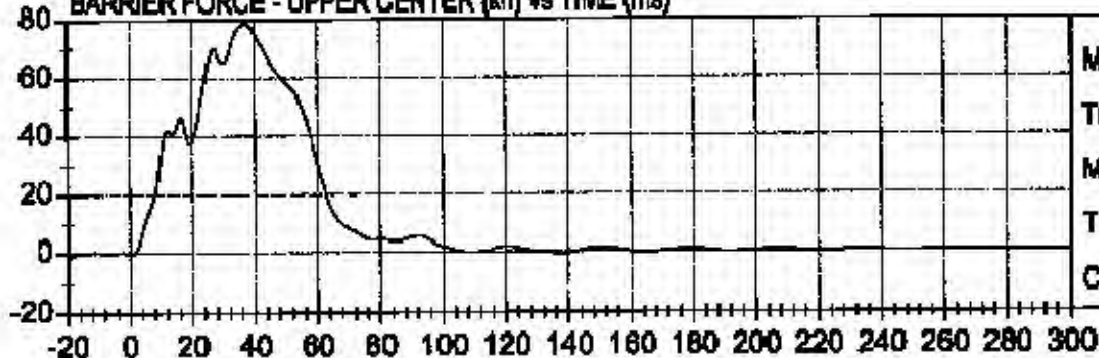
25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)

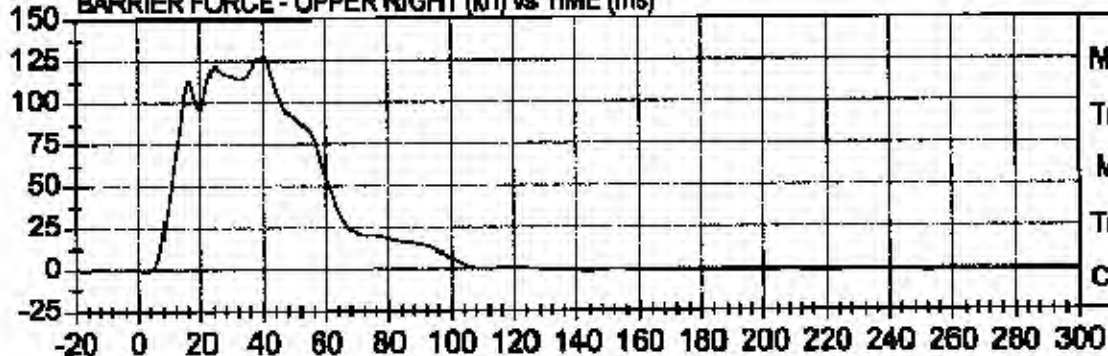
BARRIER FORCE - UPPER LEFT (kn) vs TIME (ms)



BARRIER FORCE - UPPER CENTER (kn) vs TIME (ms)



BARRIER FORCE - UPPER RIGHT (kn) vs TIME (ms)

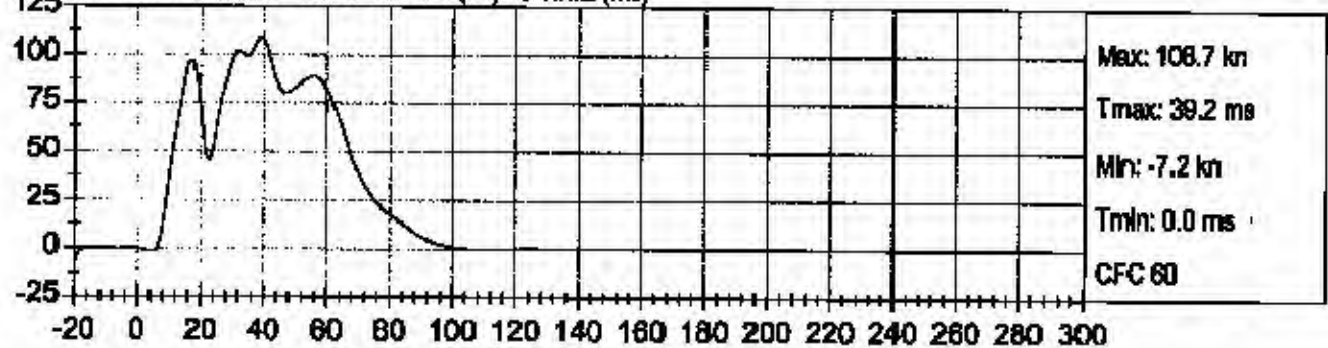




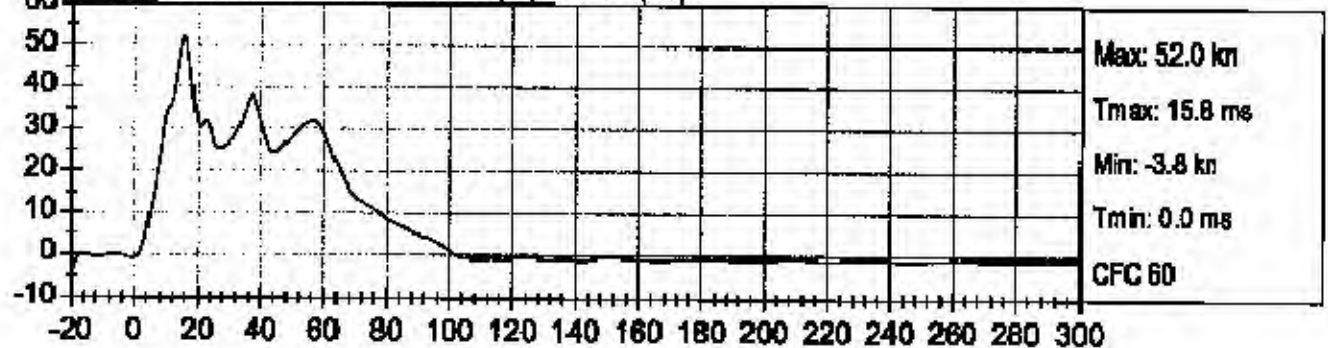
25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)

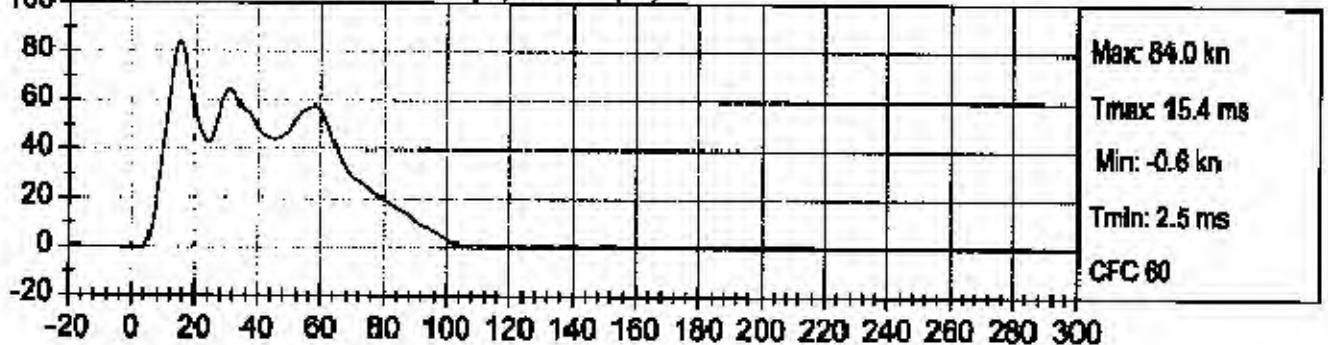
BARRIER FORCE - LOWER LEFT (kn) vs TIME (ms)



BARRIER FORCE - LOWER CENTER (kn) vs TIME (ms)



BARRIER FORCE - LOWER RIGHT (kn) vs TIME (ms)

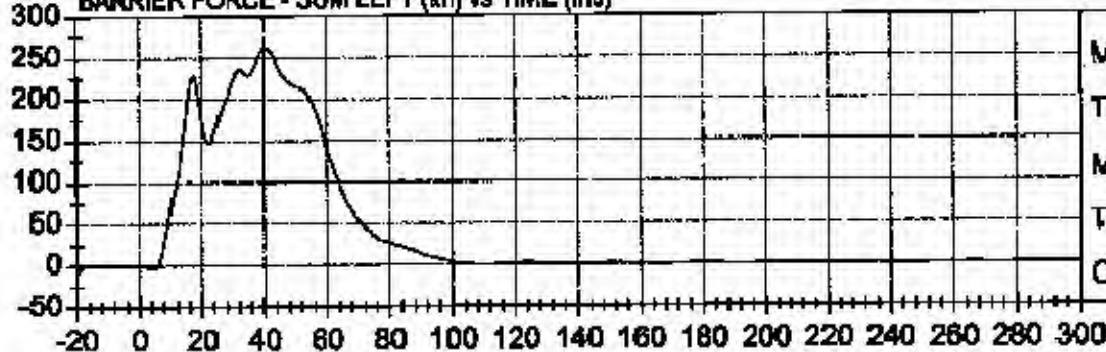




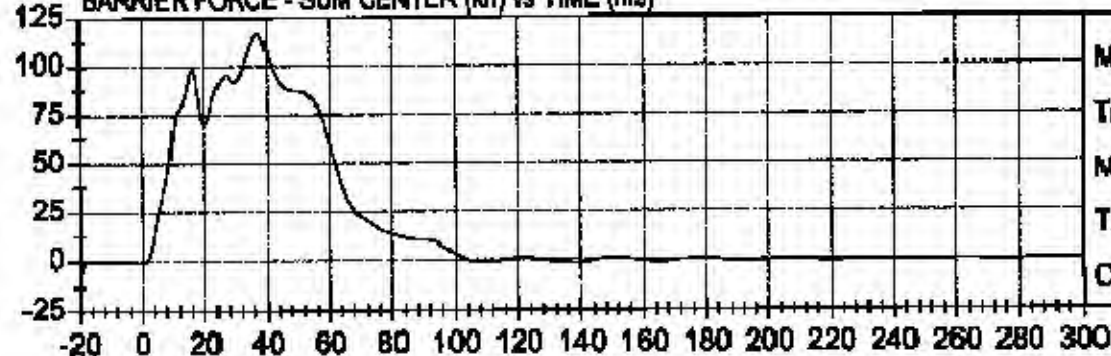
25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)

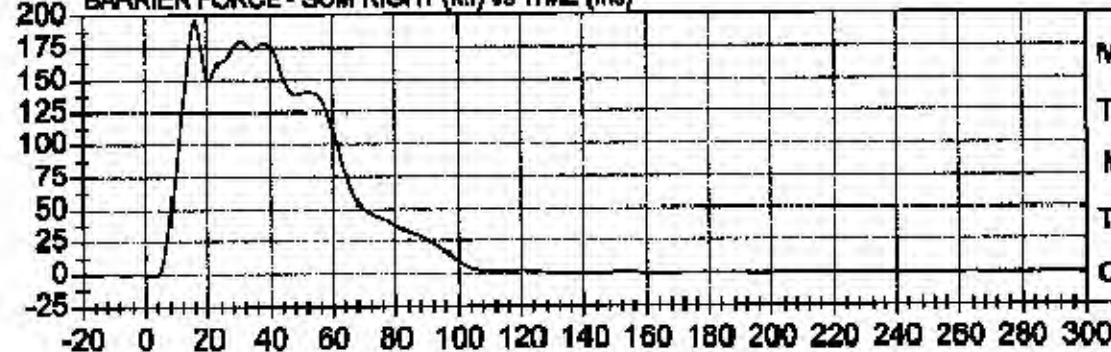
BARRIER FORCE - SUM LEFT (kn) vs TIME (ms)



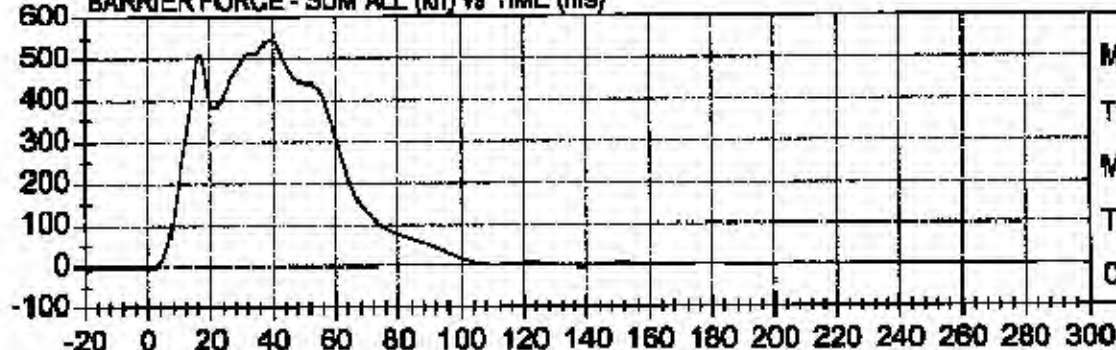
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BARRIER FORCE - SUM RIGHT (kn) vs TIME (ms)



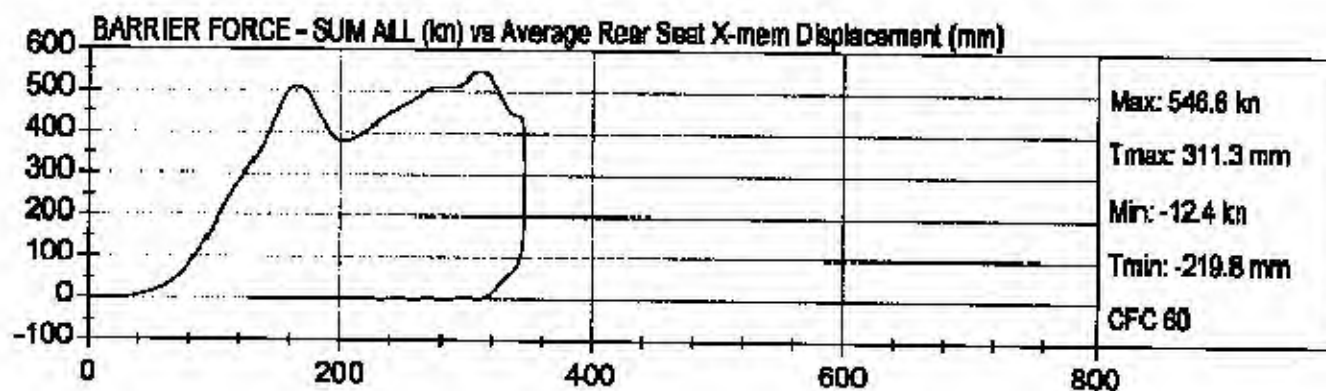
BARRIER FORCE - SUM ALL (kn) vs TIME (ms)



**mga**

25 MPH FRONTAL UNBELTED
2004 JEEP LIBERTY (C40300)

Test Date: 2/27/2004
Speed: 24.7 mph (39.8 km/h)



APPENDIX B
LOW RISK TEST DATA

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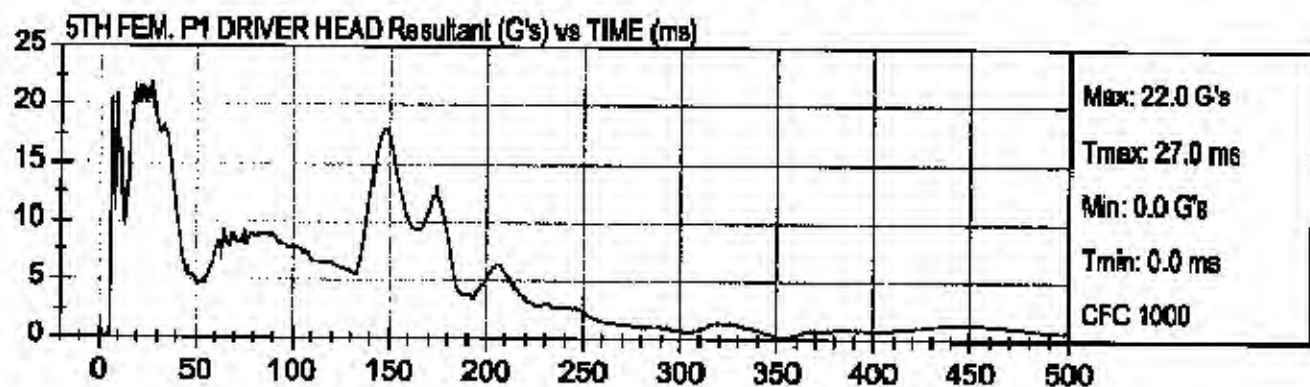
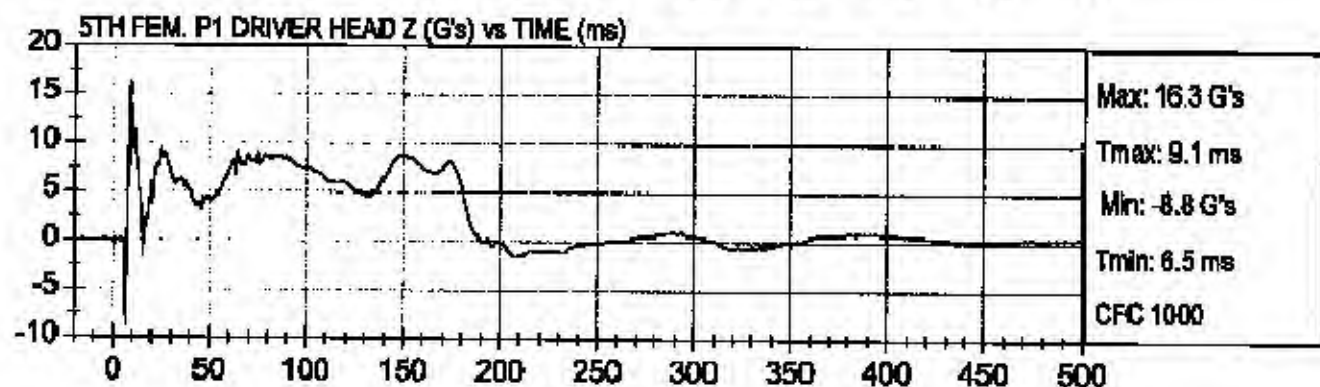
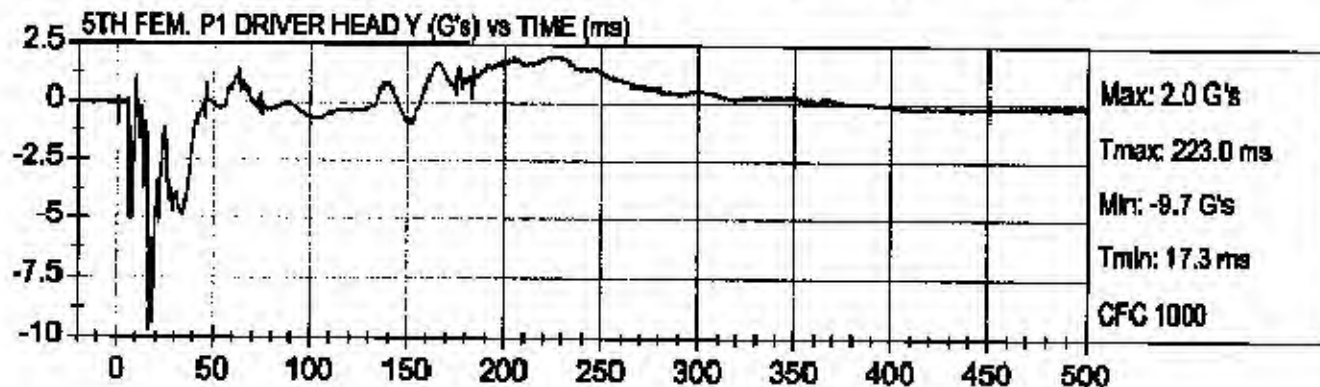
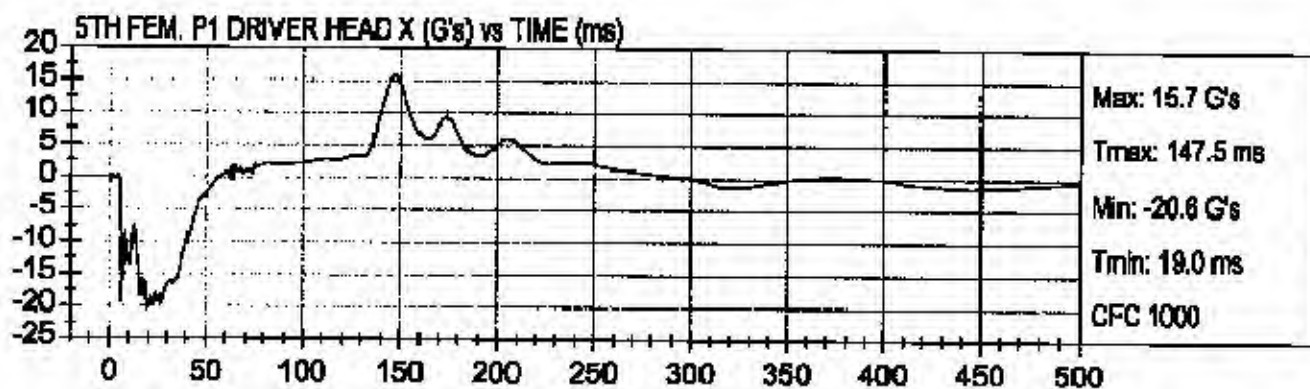
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LOW RISK DEPLOYMENT
JEEP LIBERTY

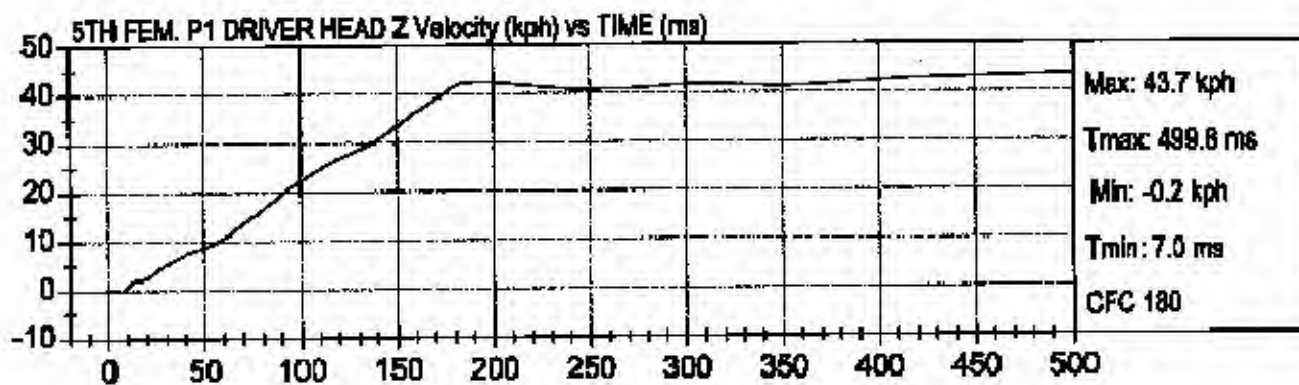
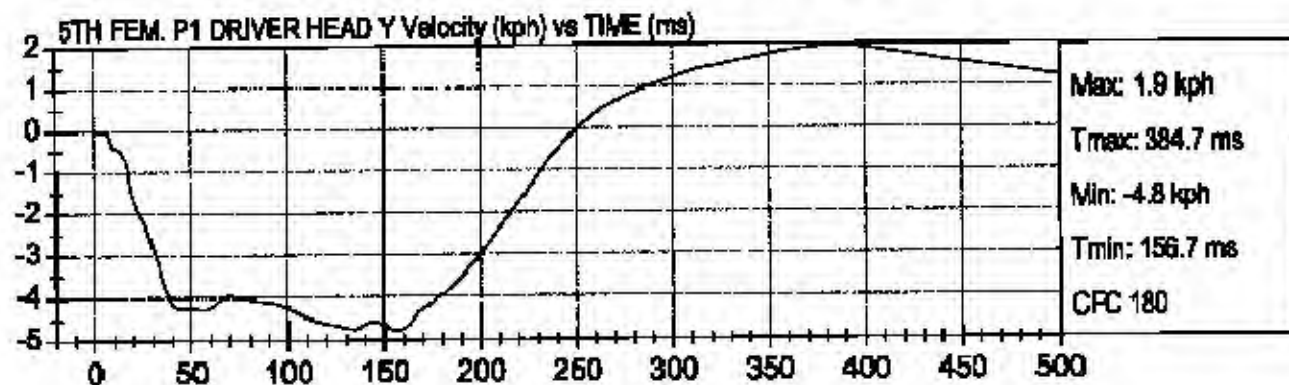
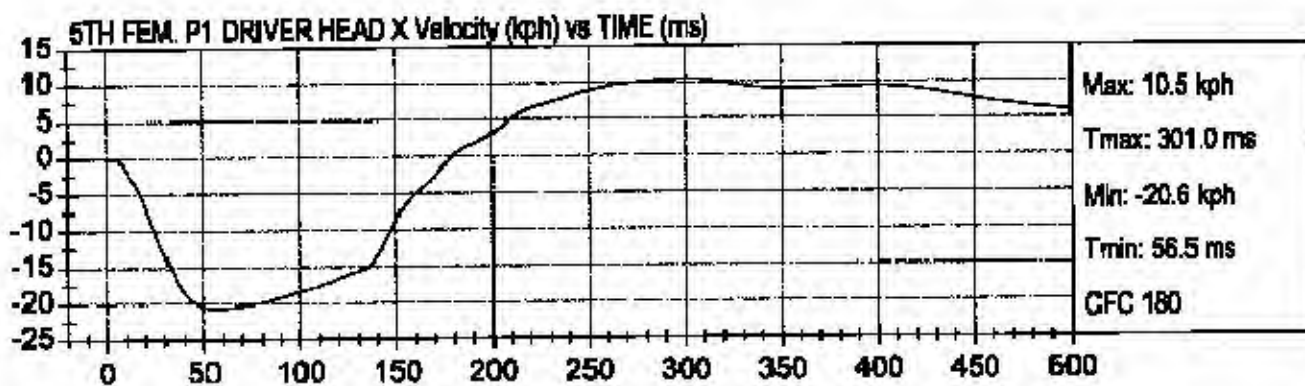
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LOW RISK DEPLOYMENT
JEEP LIBERTY

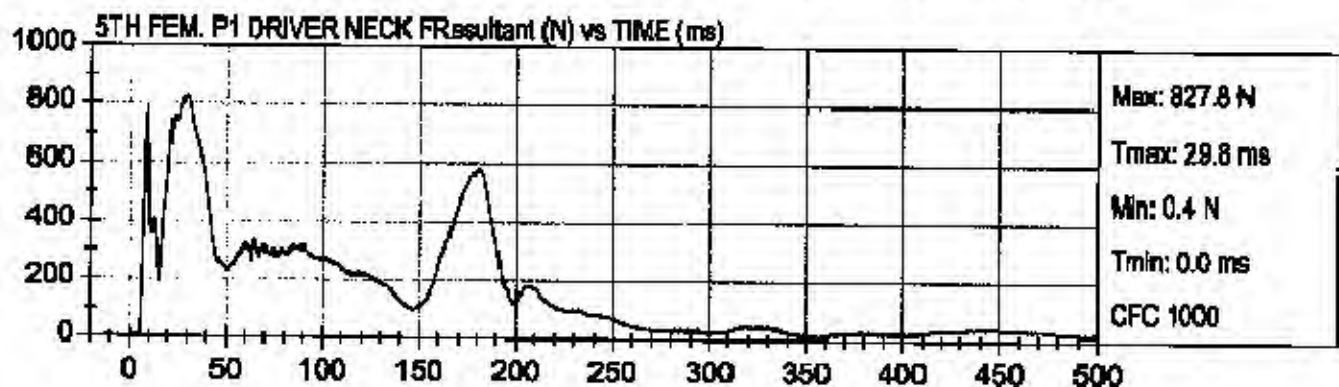
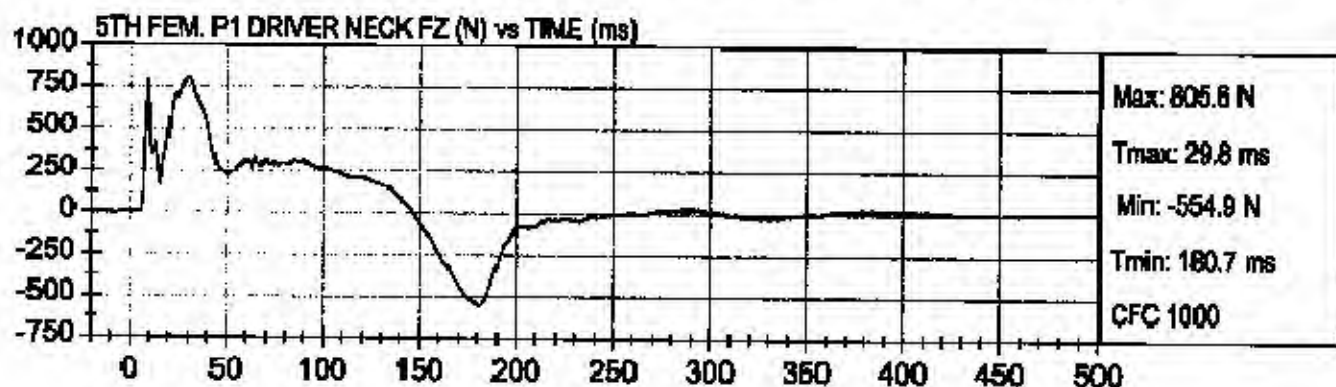
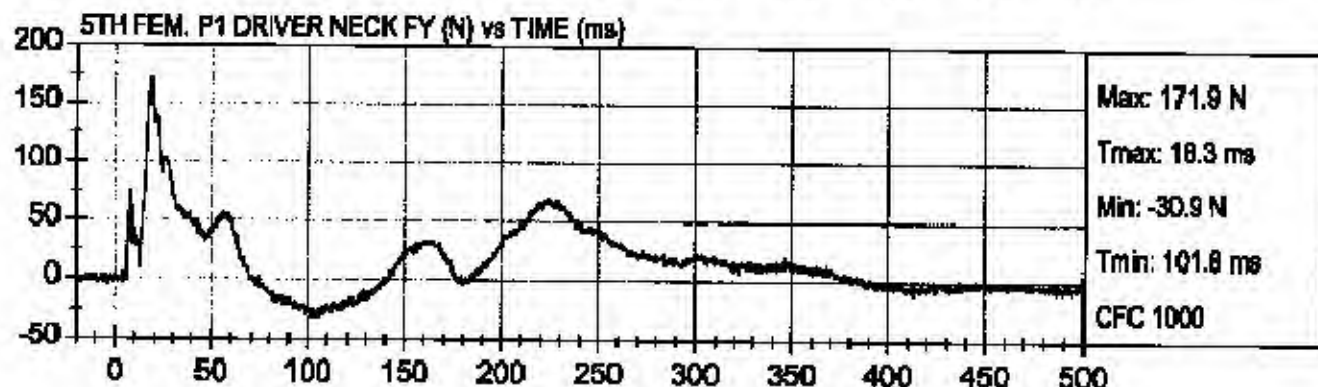
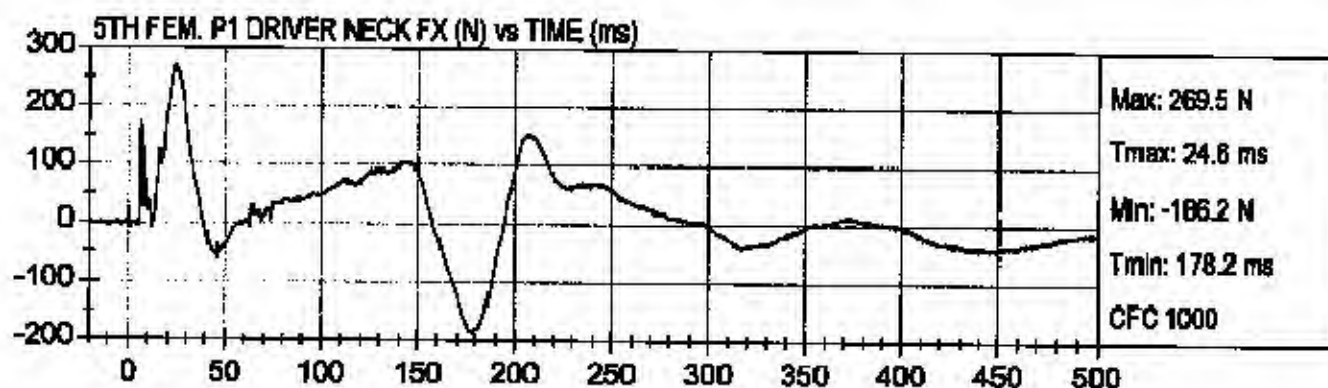
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LOW RISK DEPLOYMENT
JEEP LIBERTY

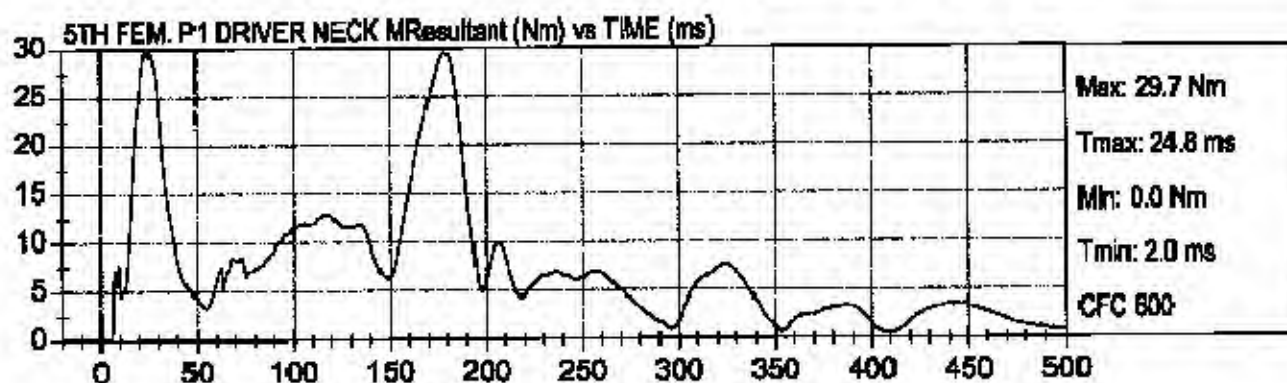
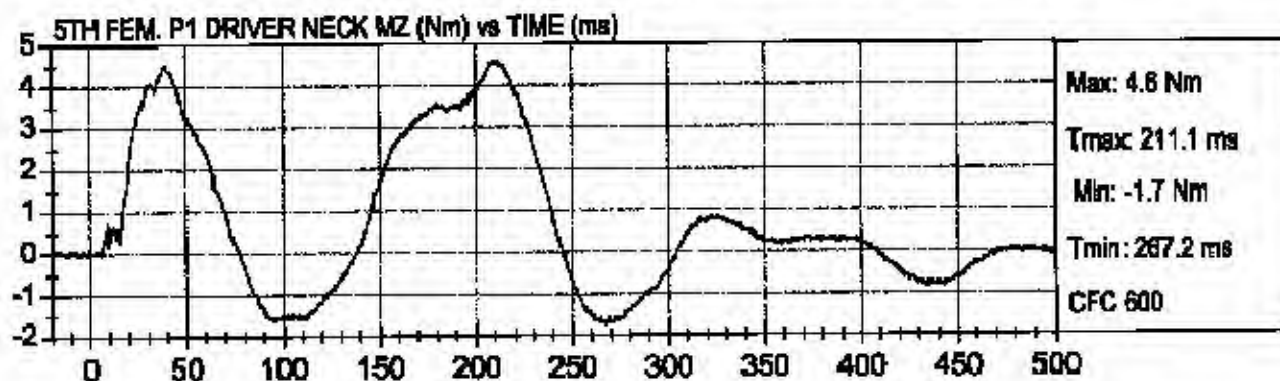
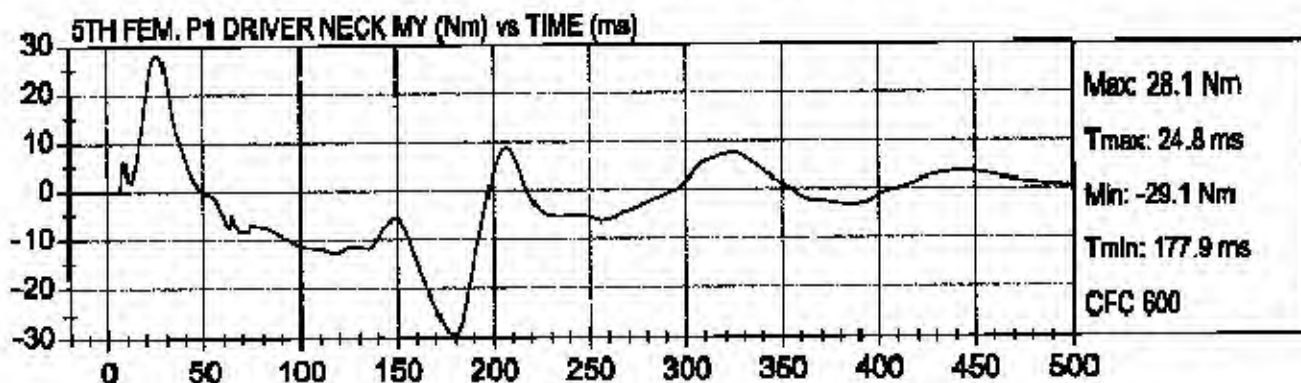
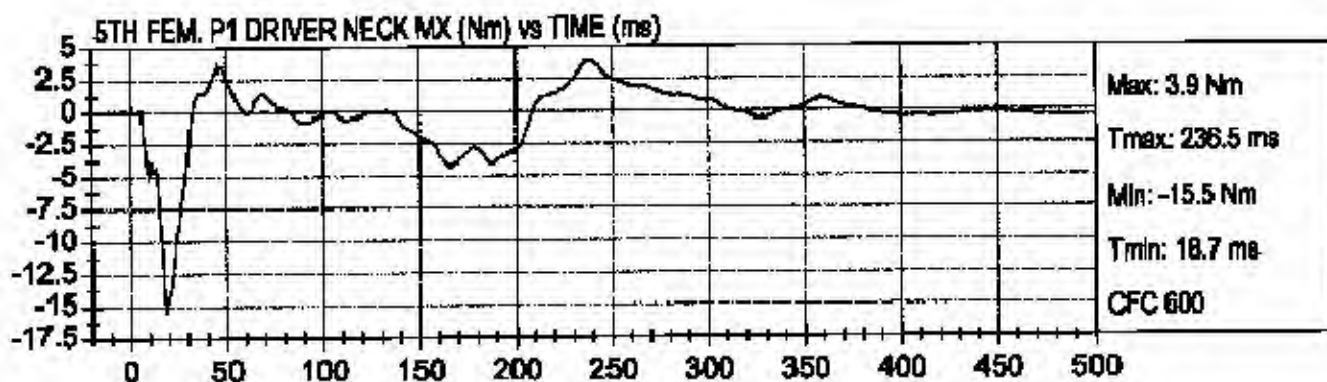
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Speed: 0.0 mph (0.0 km/h)

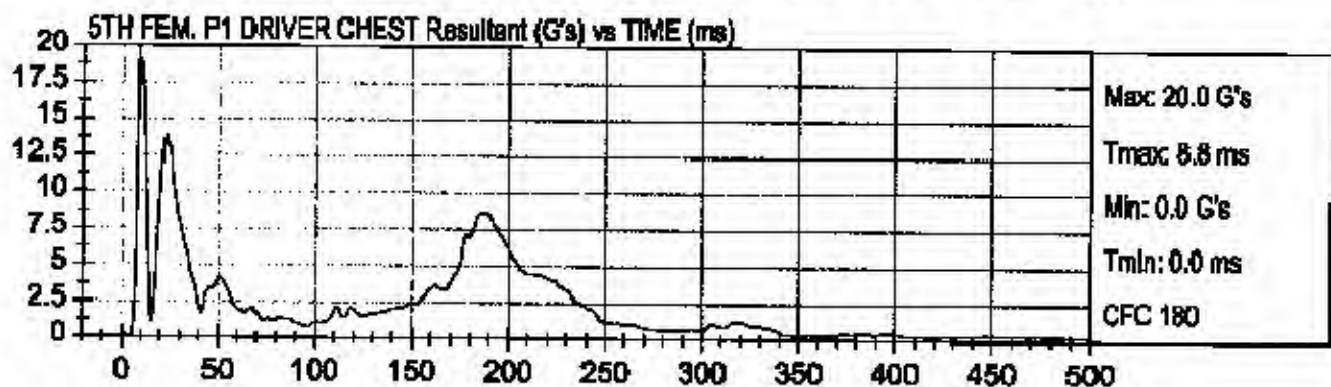
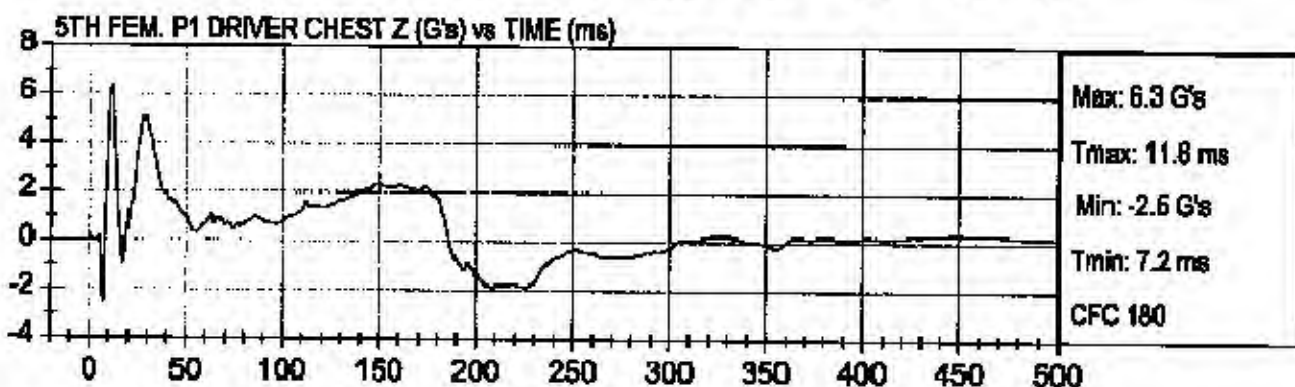
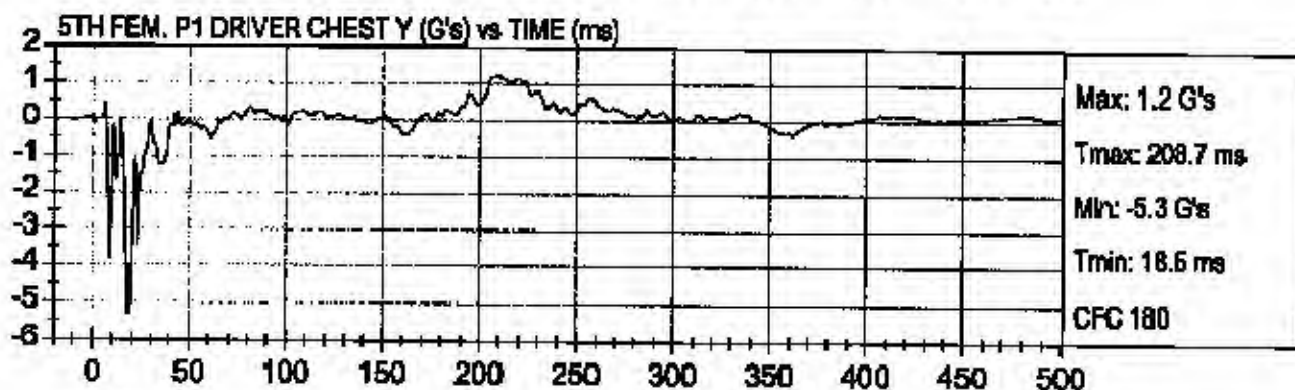
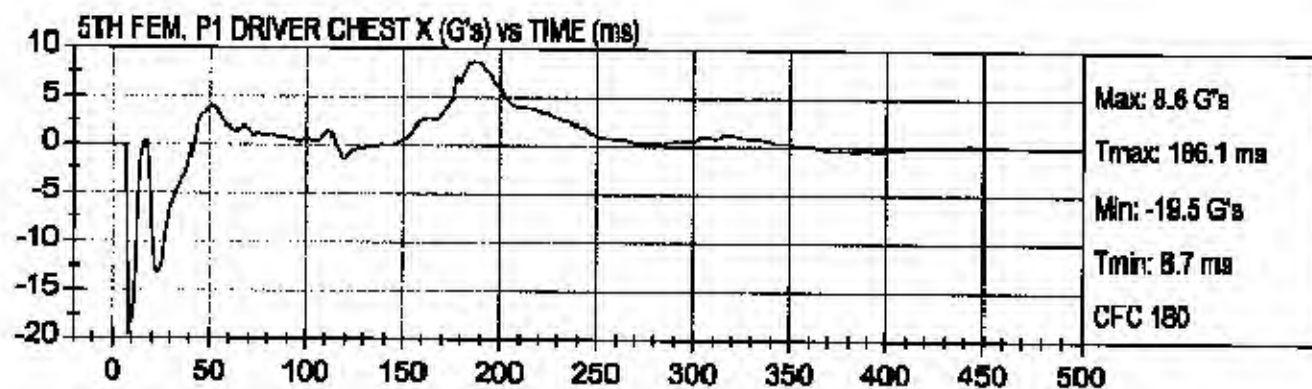




LOW RISK DEPLOYMENT
JEEP LIBERTY

Test Date: 1/16/2004
Speed: 0.0 mph (0.0 km/h)

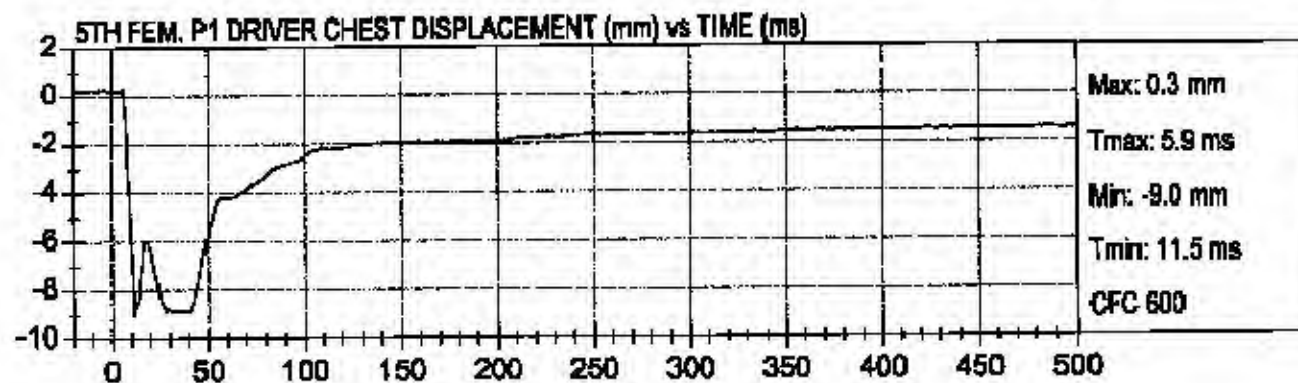
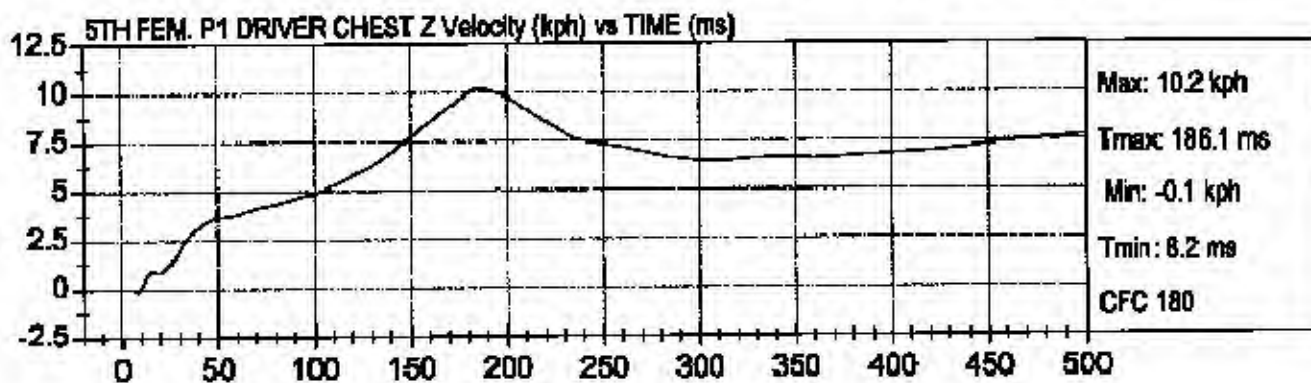
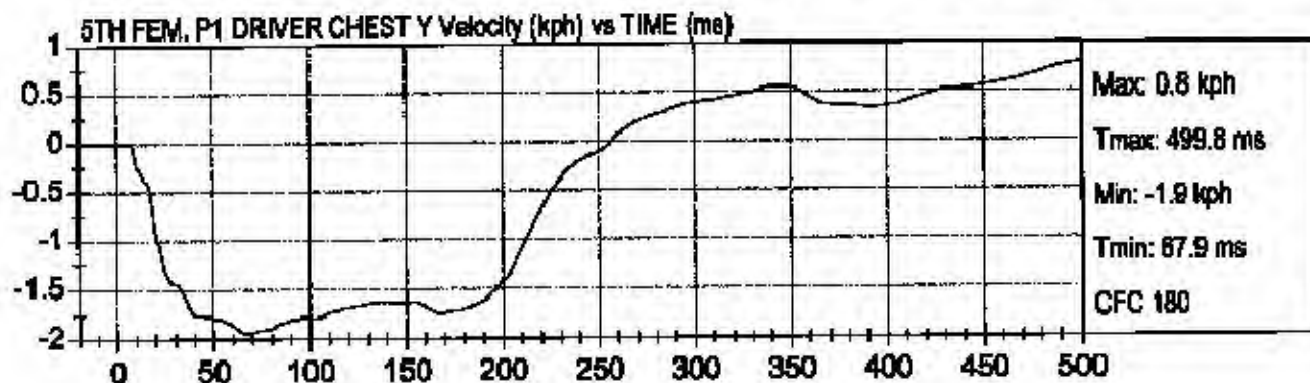
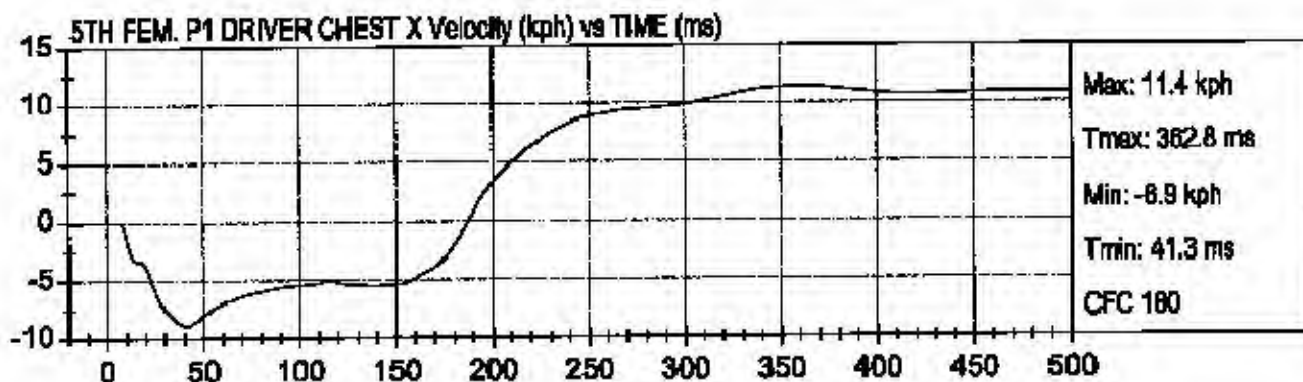






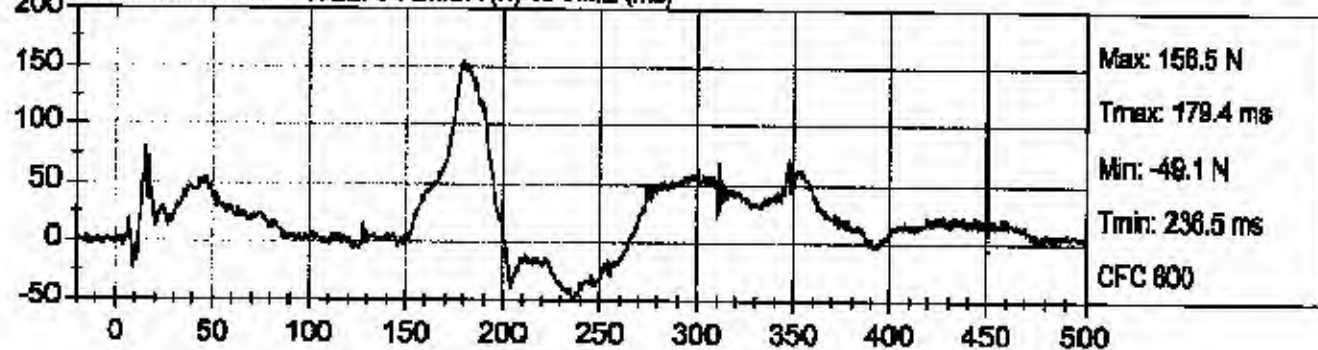
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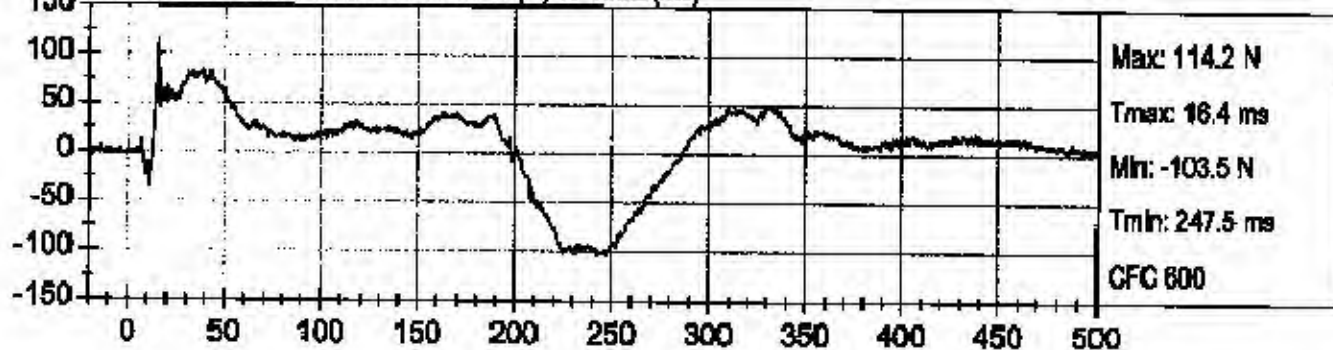




5TH FEM. P1 DRIVER LEFT FEMUR (N) vs TIME (ms)



5TH FEM. P1 DRIVER RIGHT FEMUR (N) vs TIME (ms)

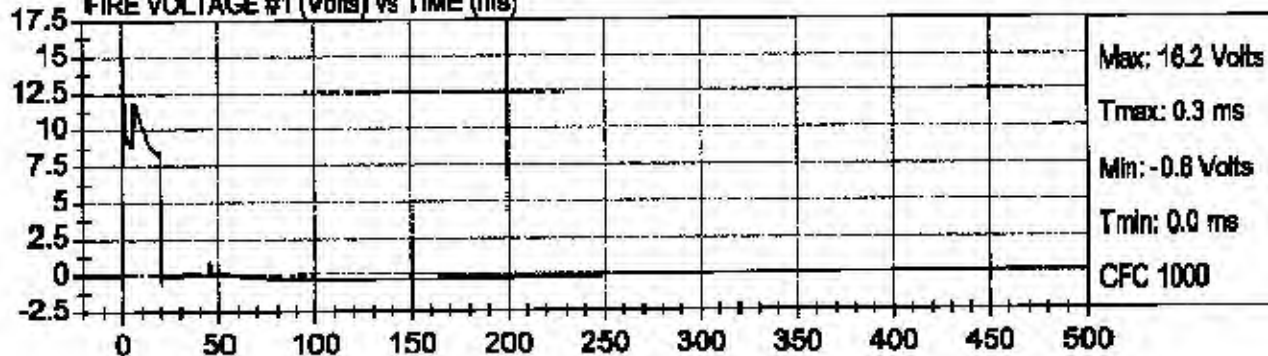




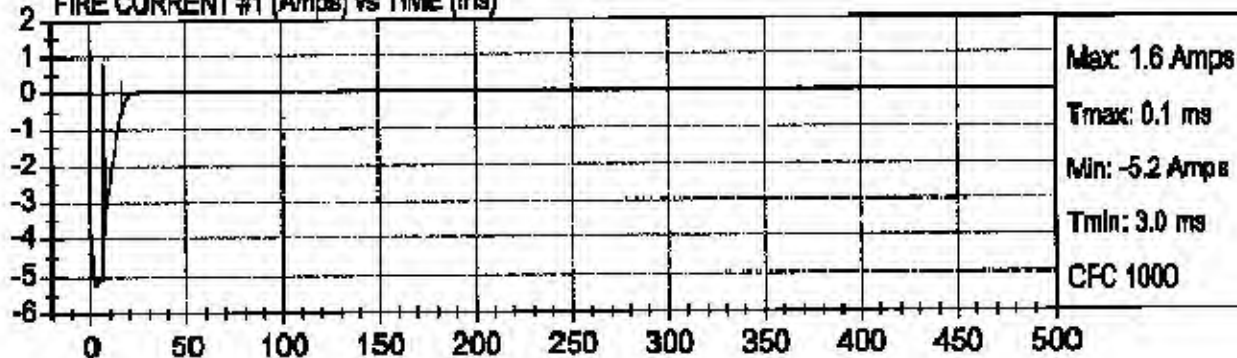
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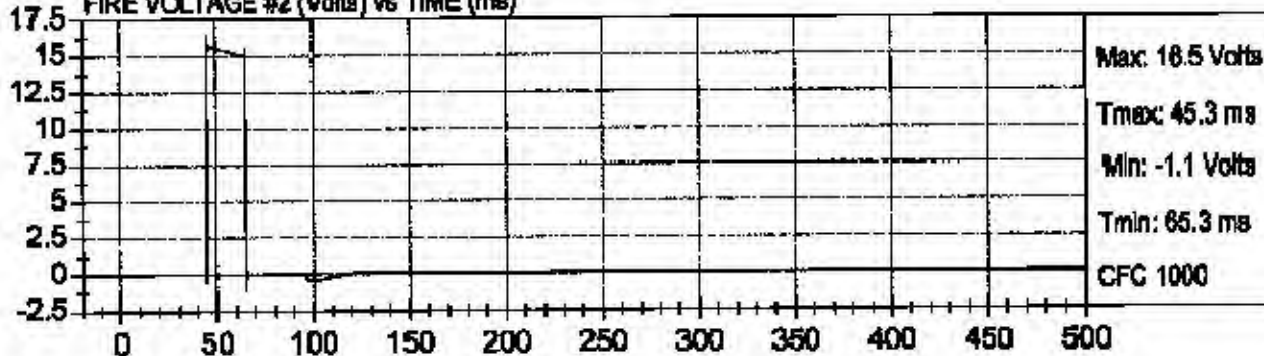
FIRE VOLTAGE #1 (Volts) vs TIME (ms)



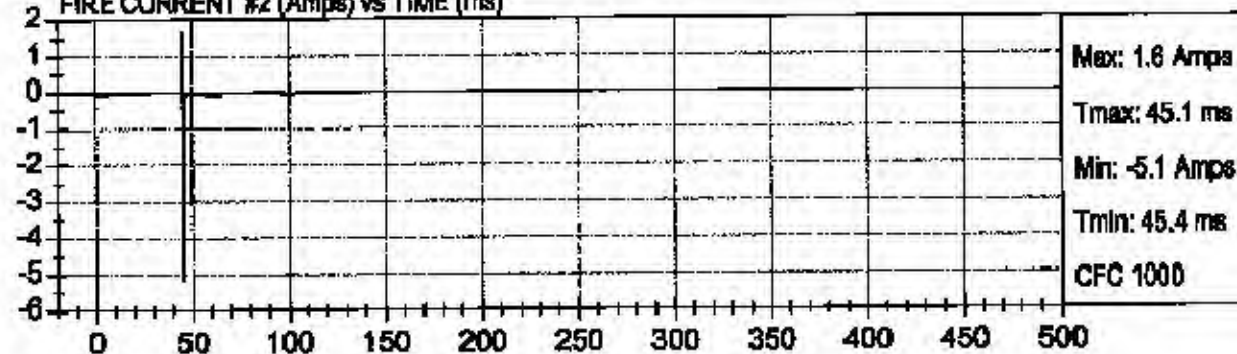
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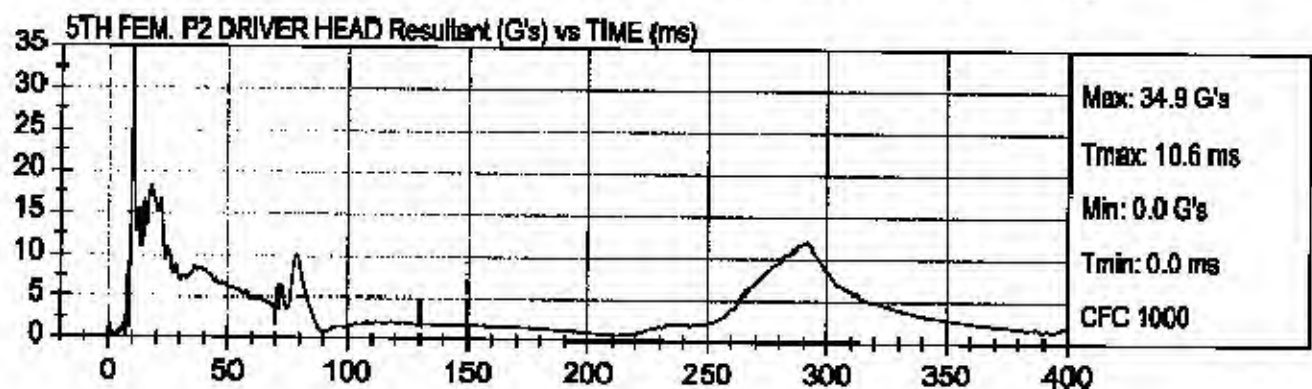
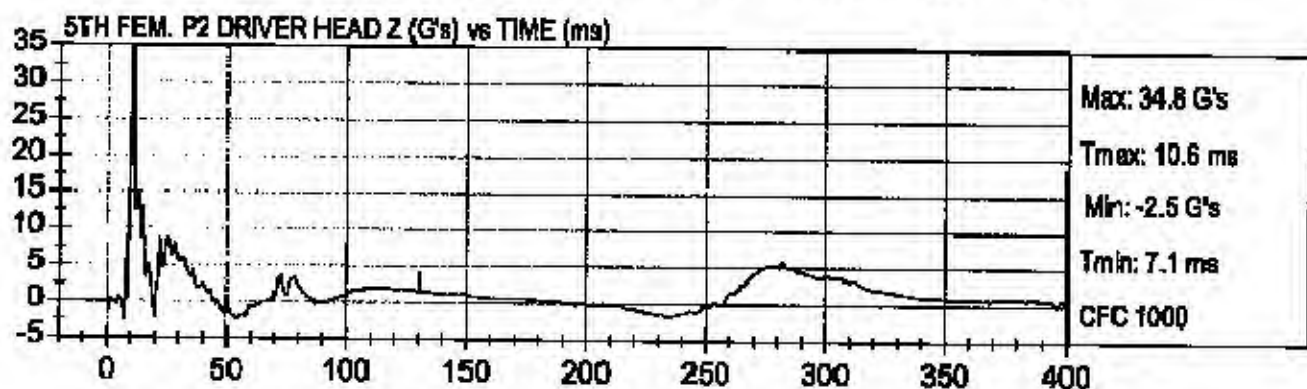
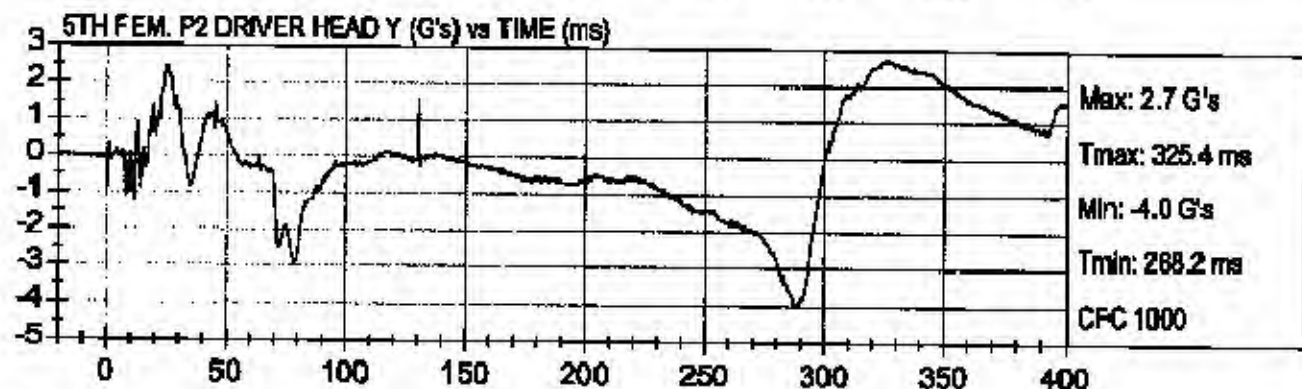
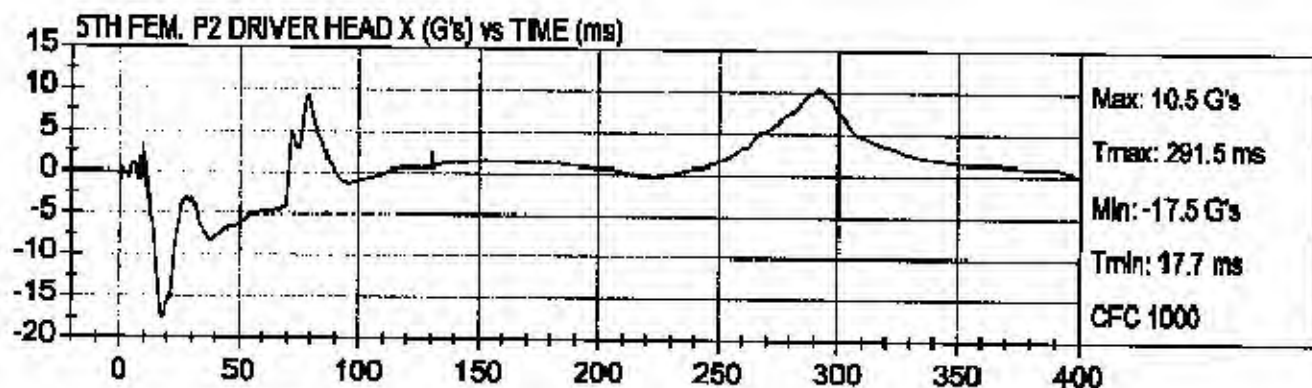
FIRE CURRENT #2 (Amps) vs TIME (ms)





LOW RISK DEPLOYMENT
2004 JEEP LIBERTY

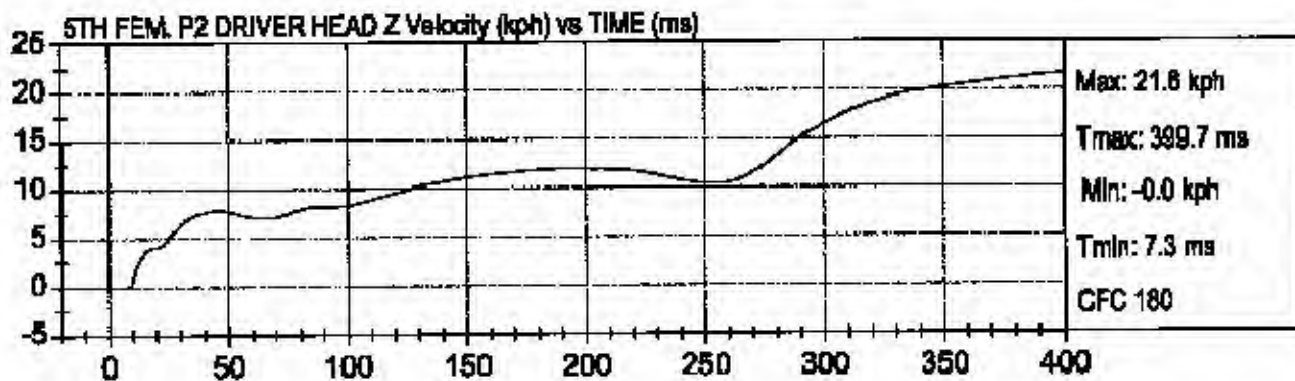
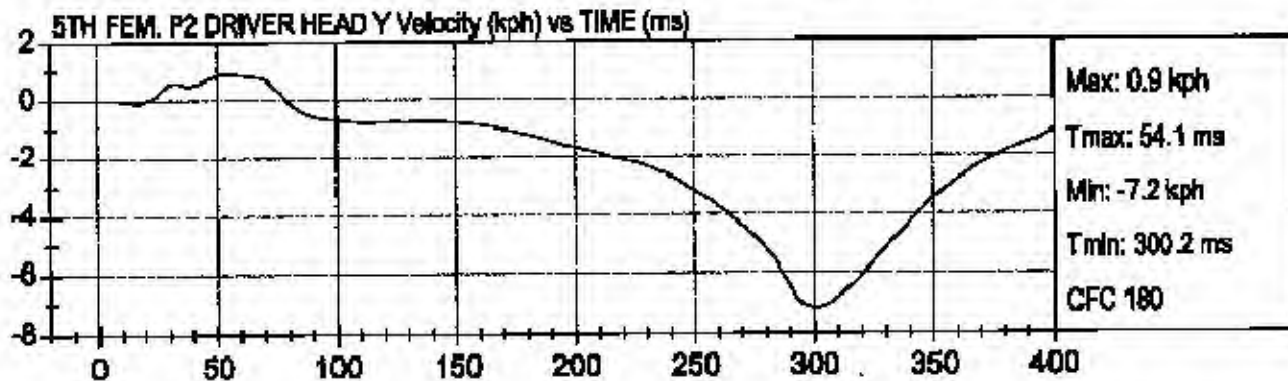
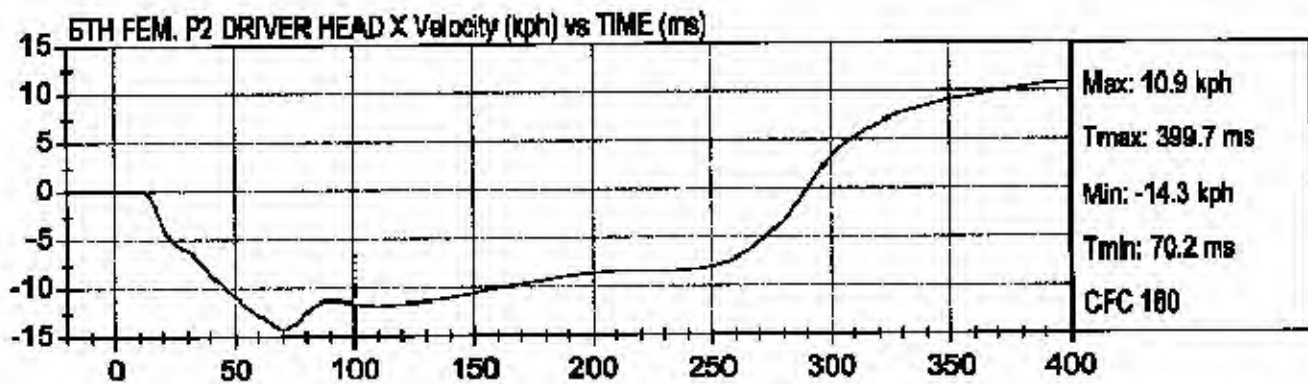
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LOW RISK DEPLOYMENT
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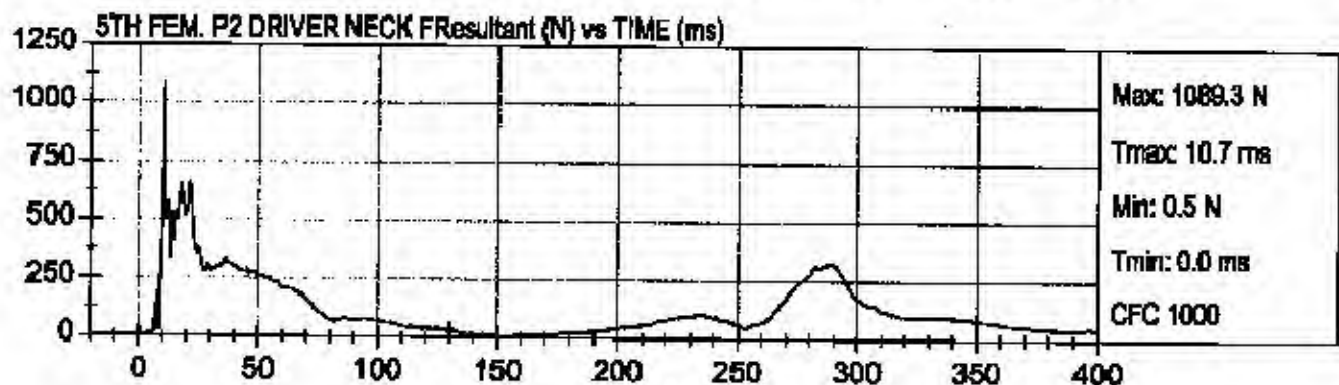
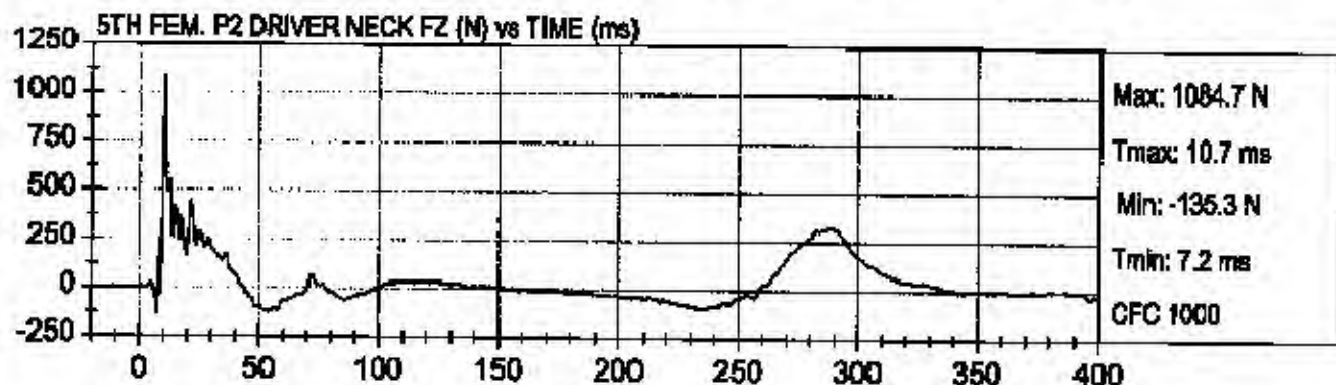
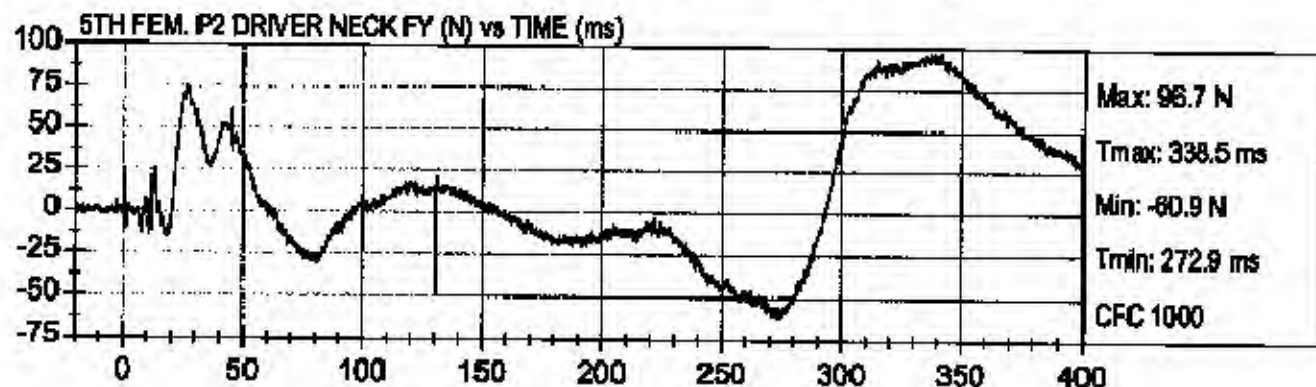
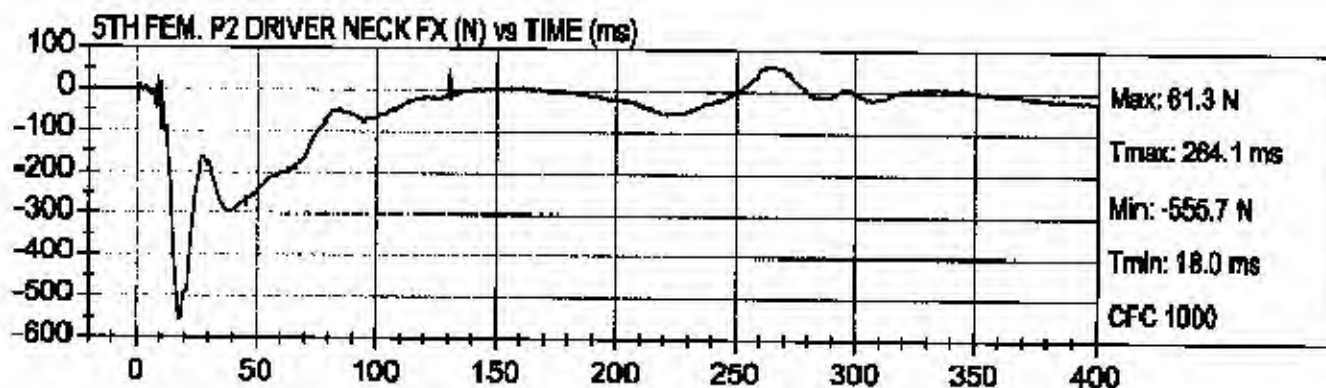
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LOW RISK DEPLOYMENT
2004 JEEP LIBERTY

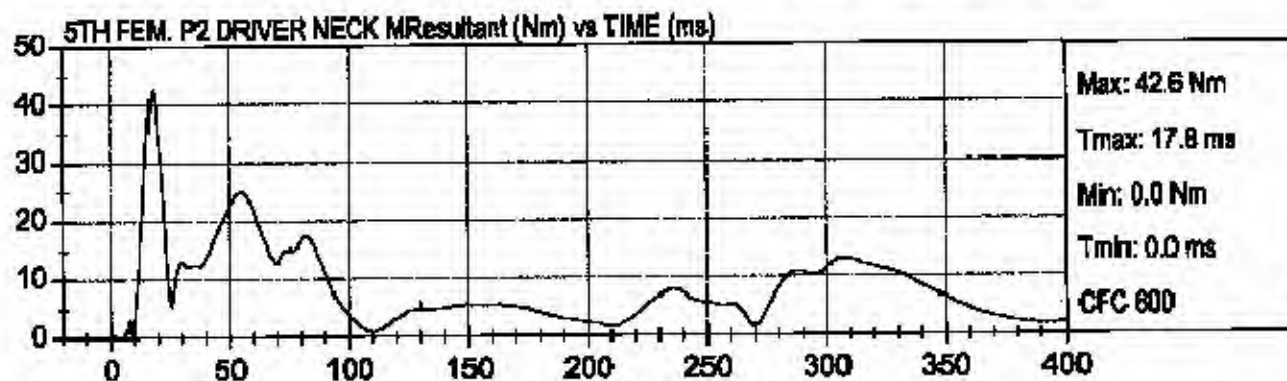
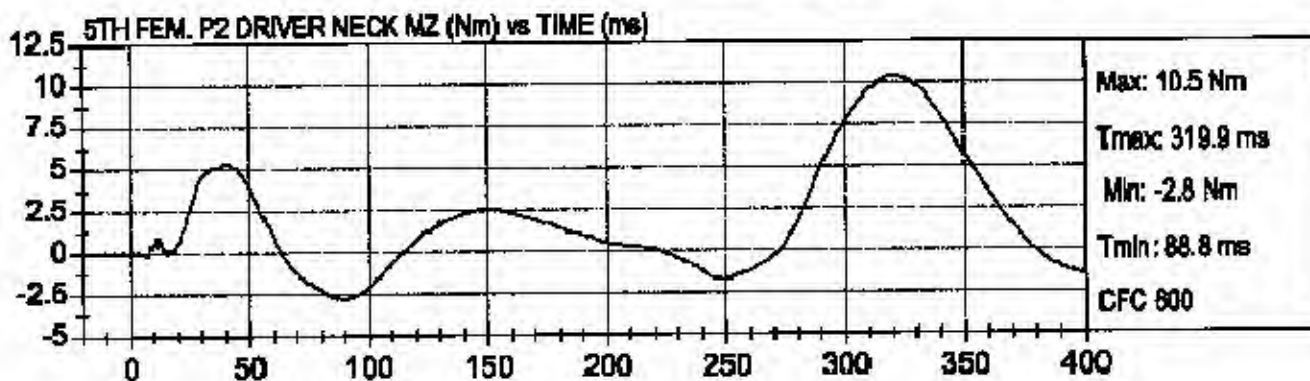
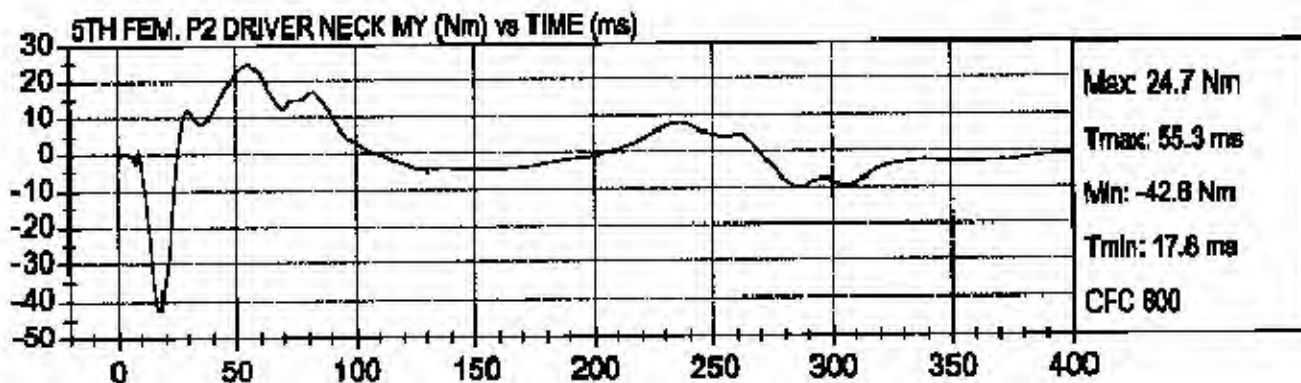
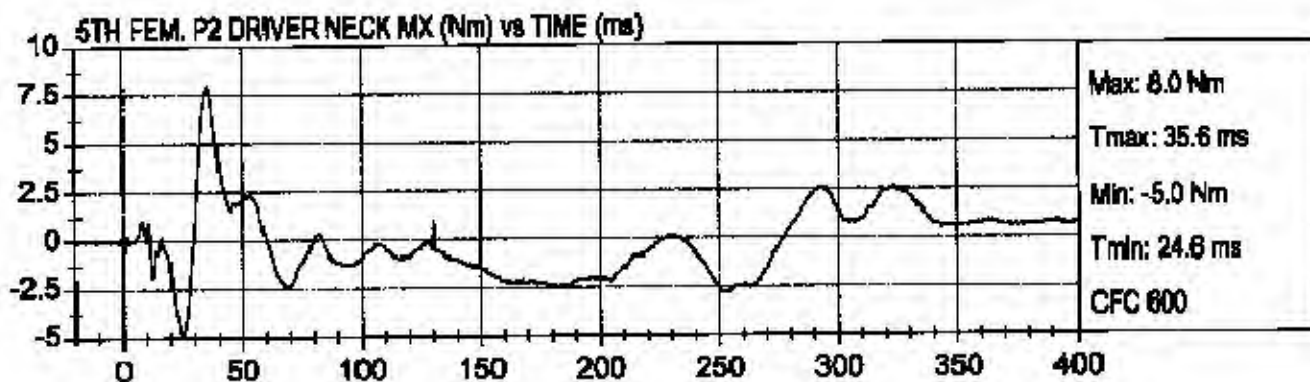
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LOW RISK DEPLOYMENT
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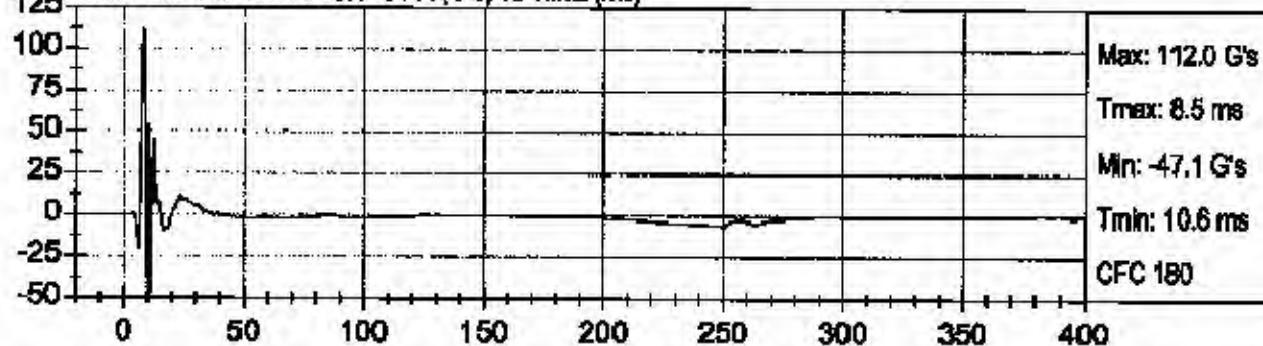




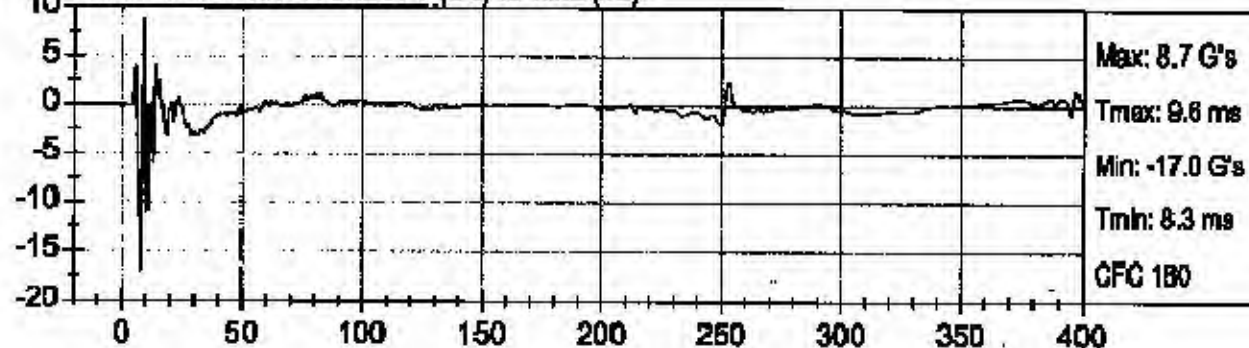
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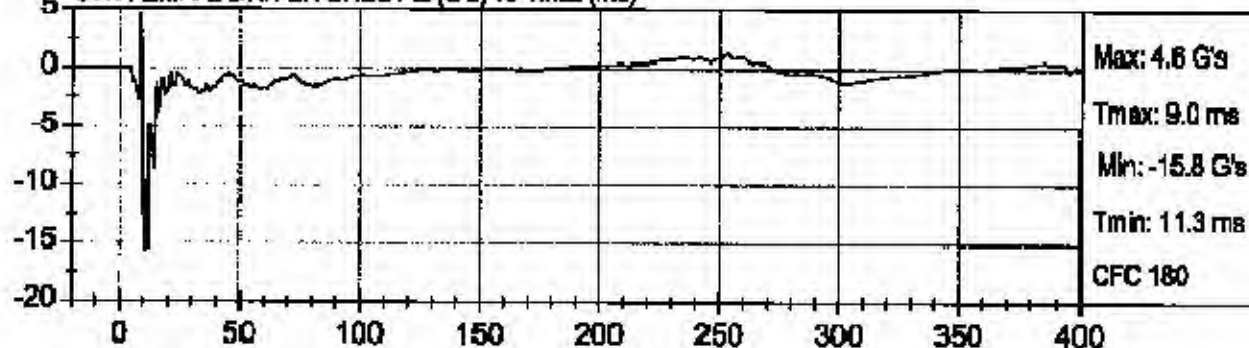
5TH FEM. P2 DRIVER CHEST X (G's) vs TIME (ms)



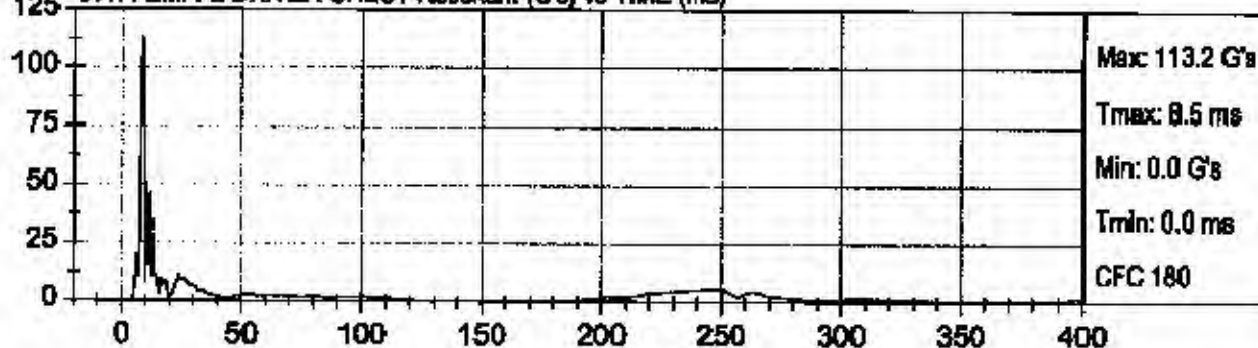
5TH FEM. P2 DRIVER CHEST Y (G's) vs TIME (ms)



5TH FEM. P2 DRIVER CHEST Z (G's) vs TIME (ms)



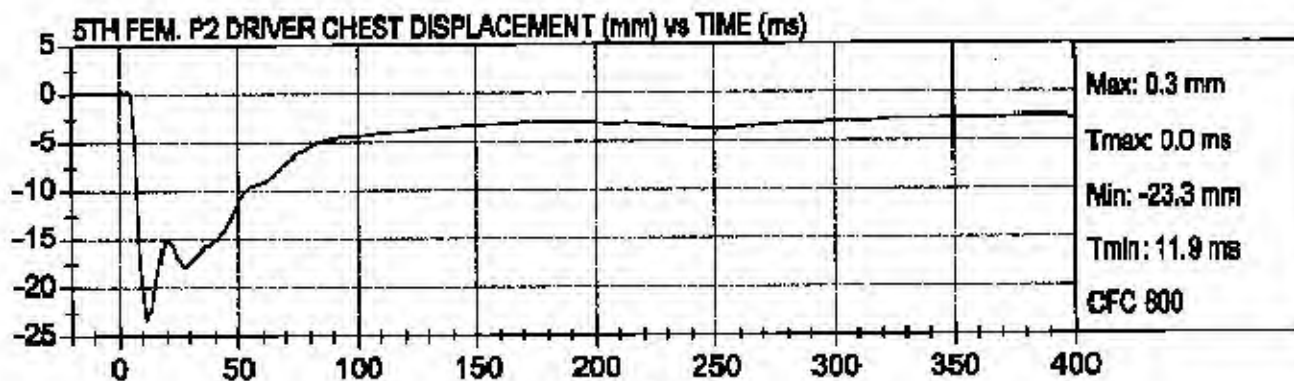
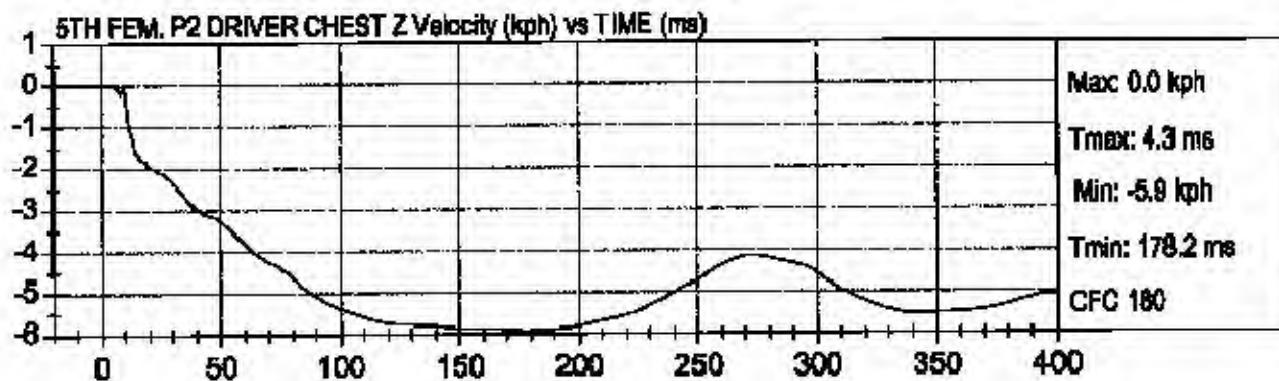
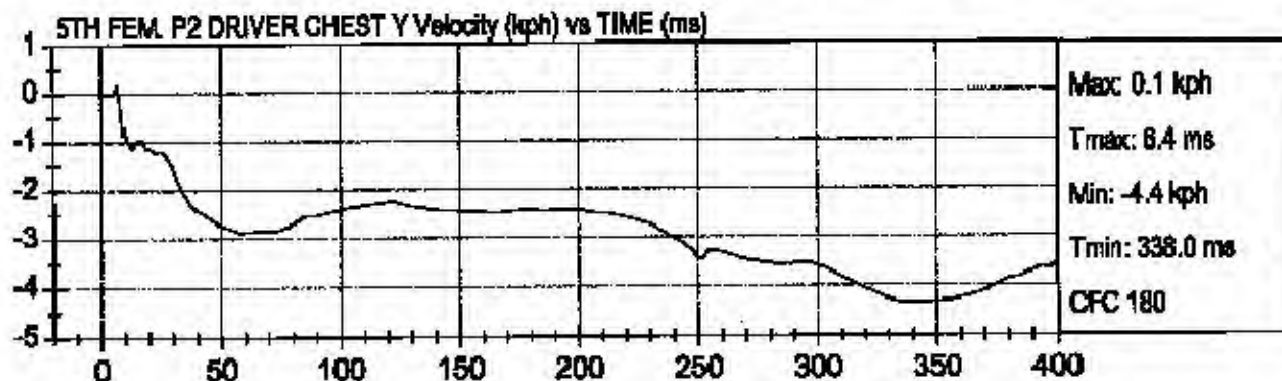
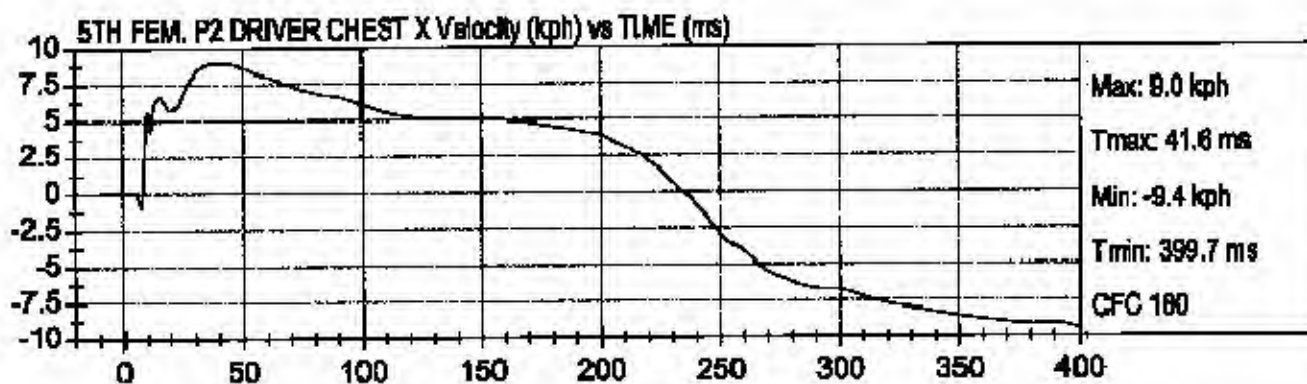
5TH FEM. P2 DRIVER CHEST Resultant (G's) vs TIME (ms)





LOW RISK DEPLOYMENT
2004 JEEP LIBERTY

Test Date: 01/30/04
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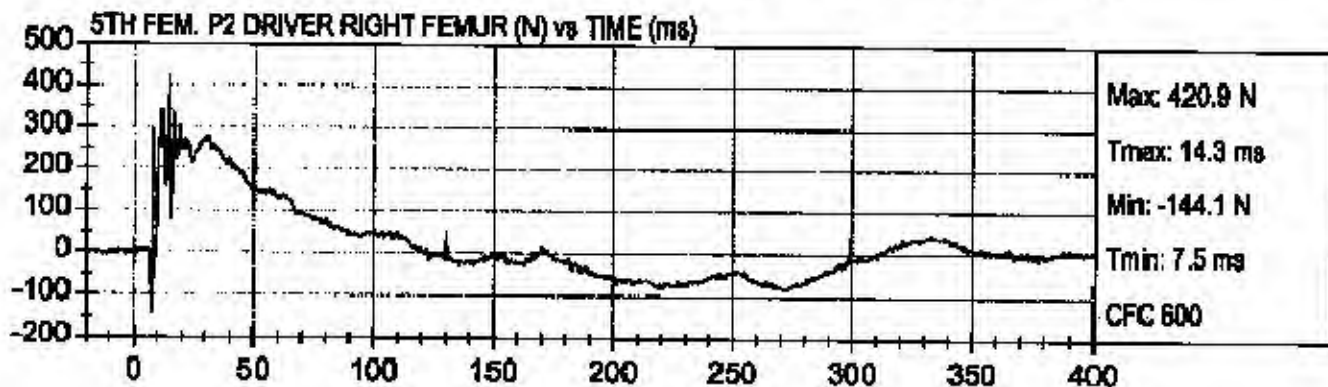
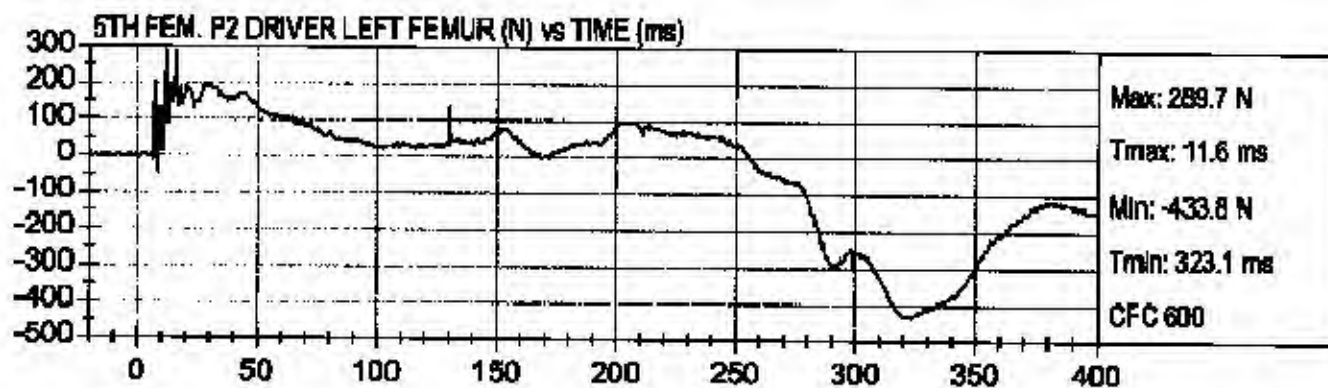




mga

LOW RISK DEPLOYMENT
2004 JEEP LIBERTY

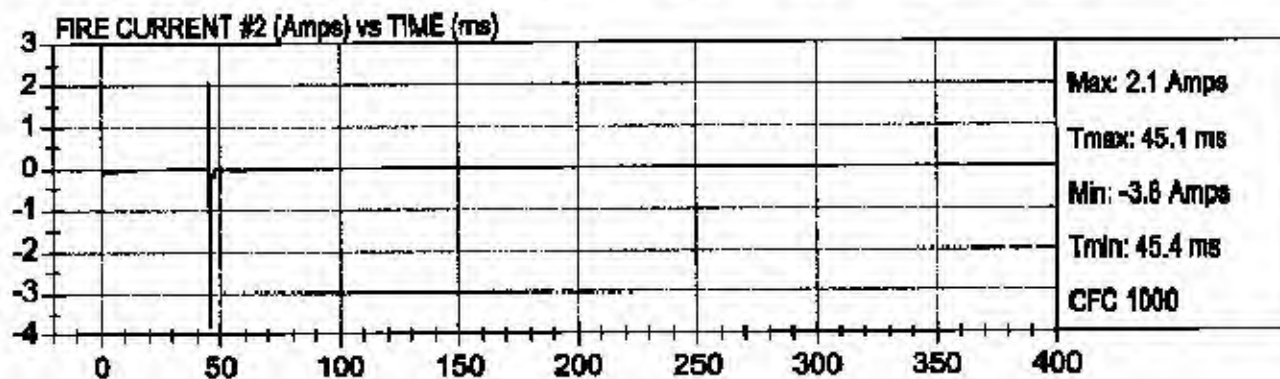
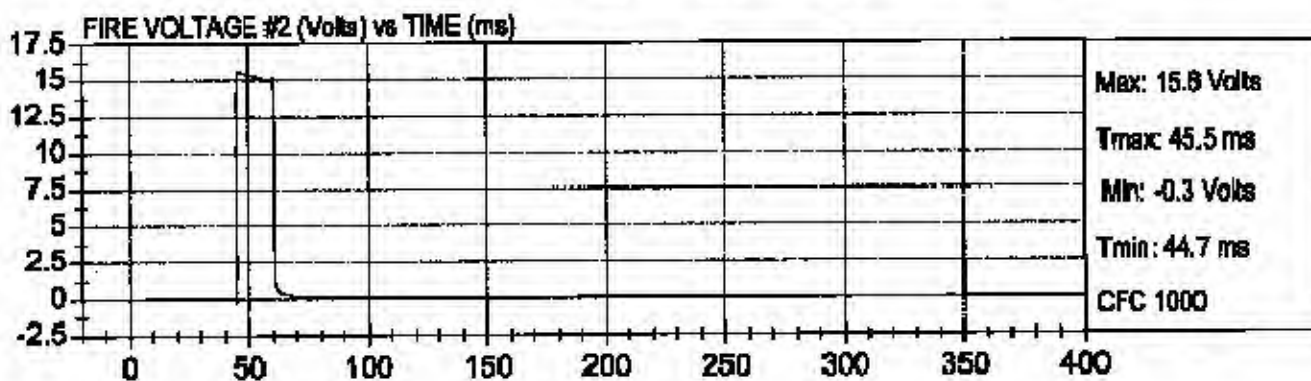
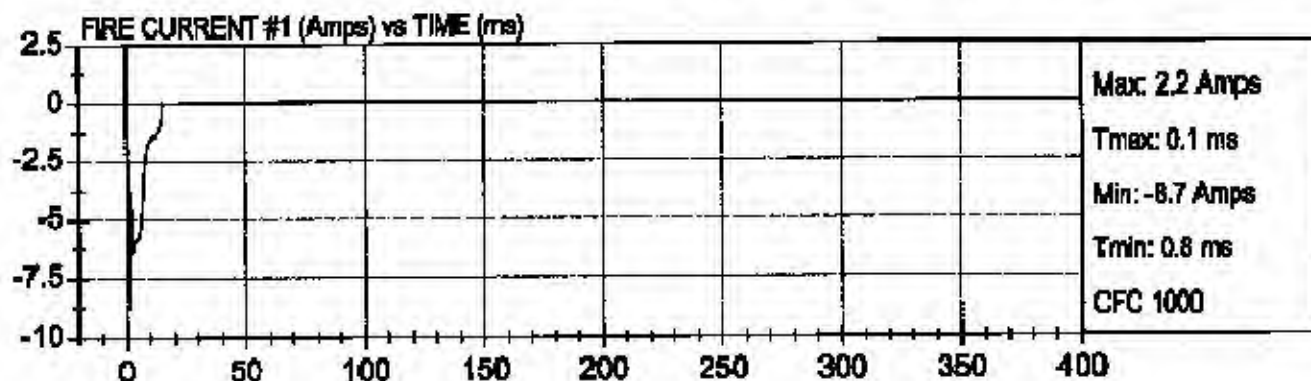
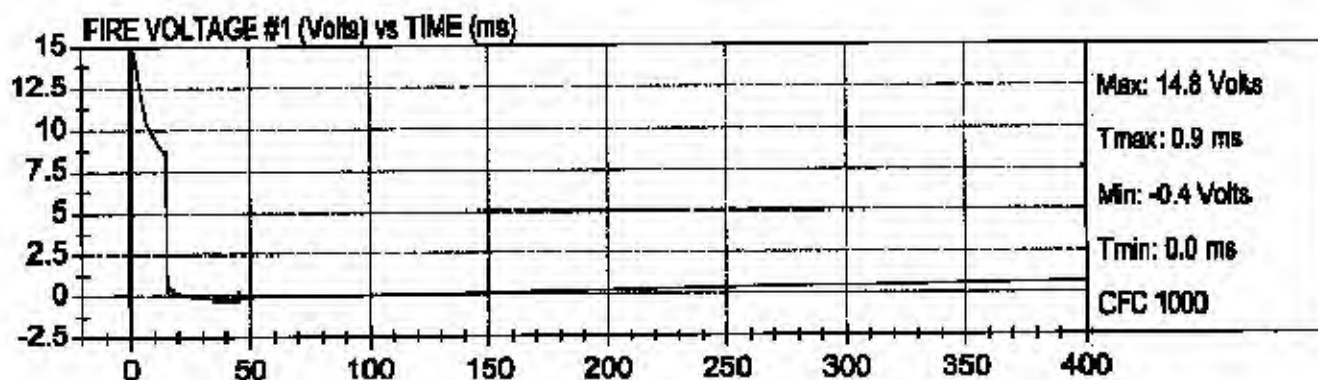
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LOW RISK DEPLOYMENT
2004 JEEP LIBERTY

Test Date: 01/30/04
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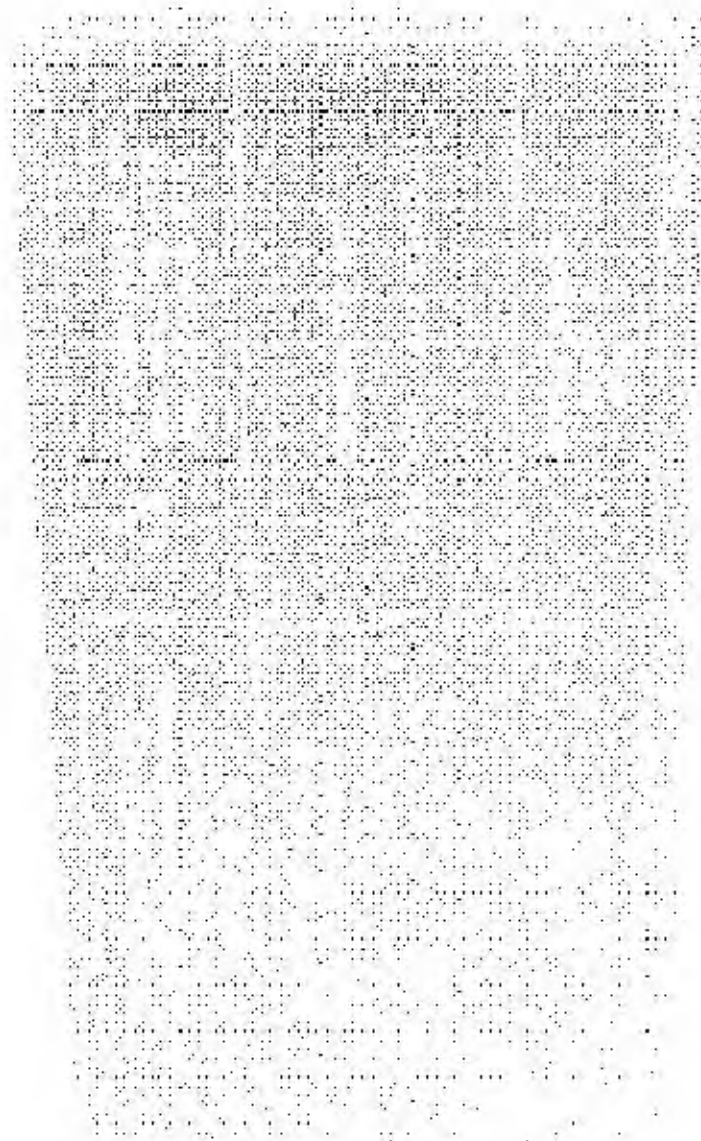
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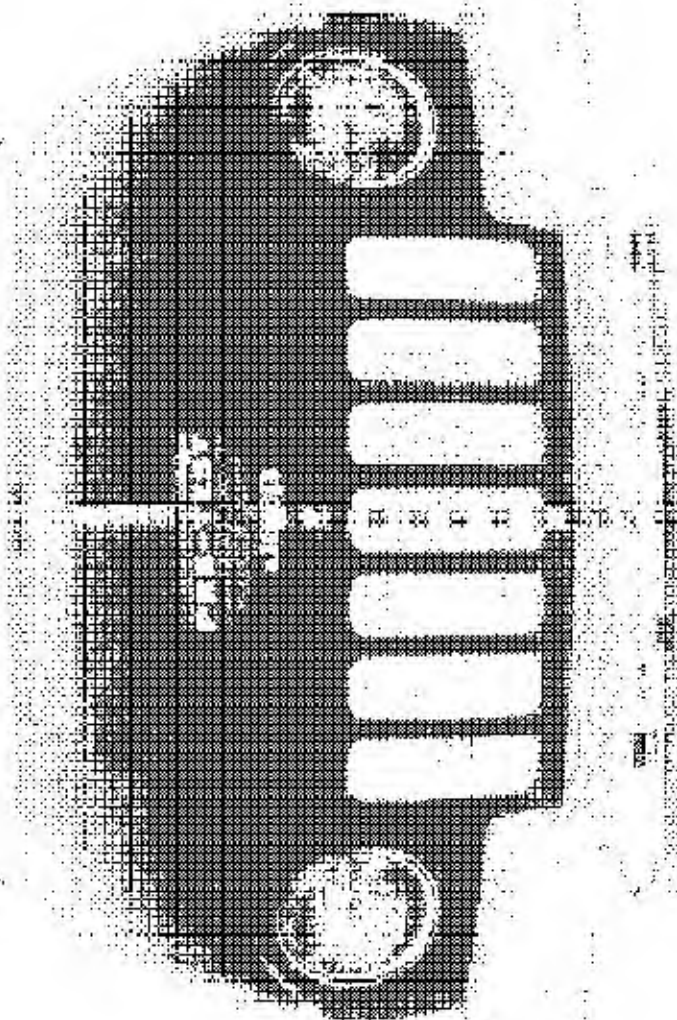
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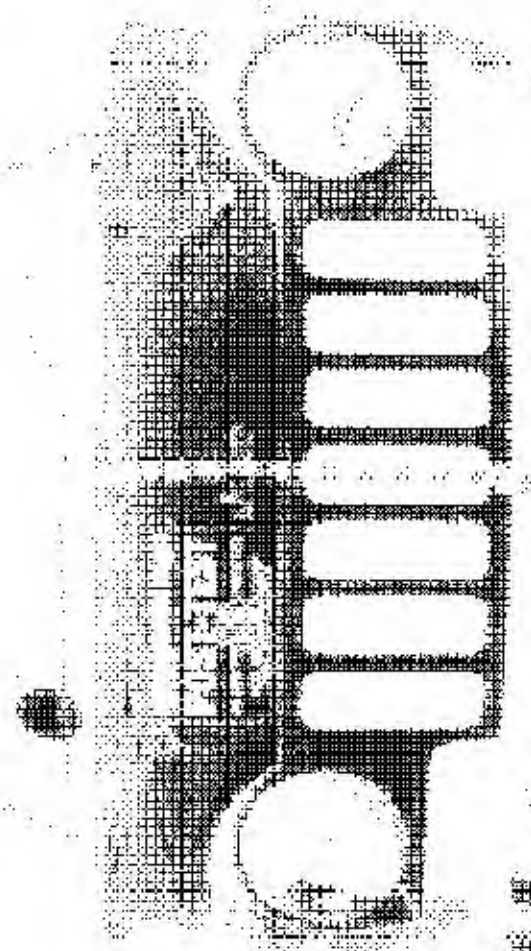


The Pleasure



Pre-Test Front View of Test Vehicle

10-10-61



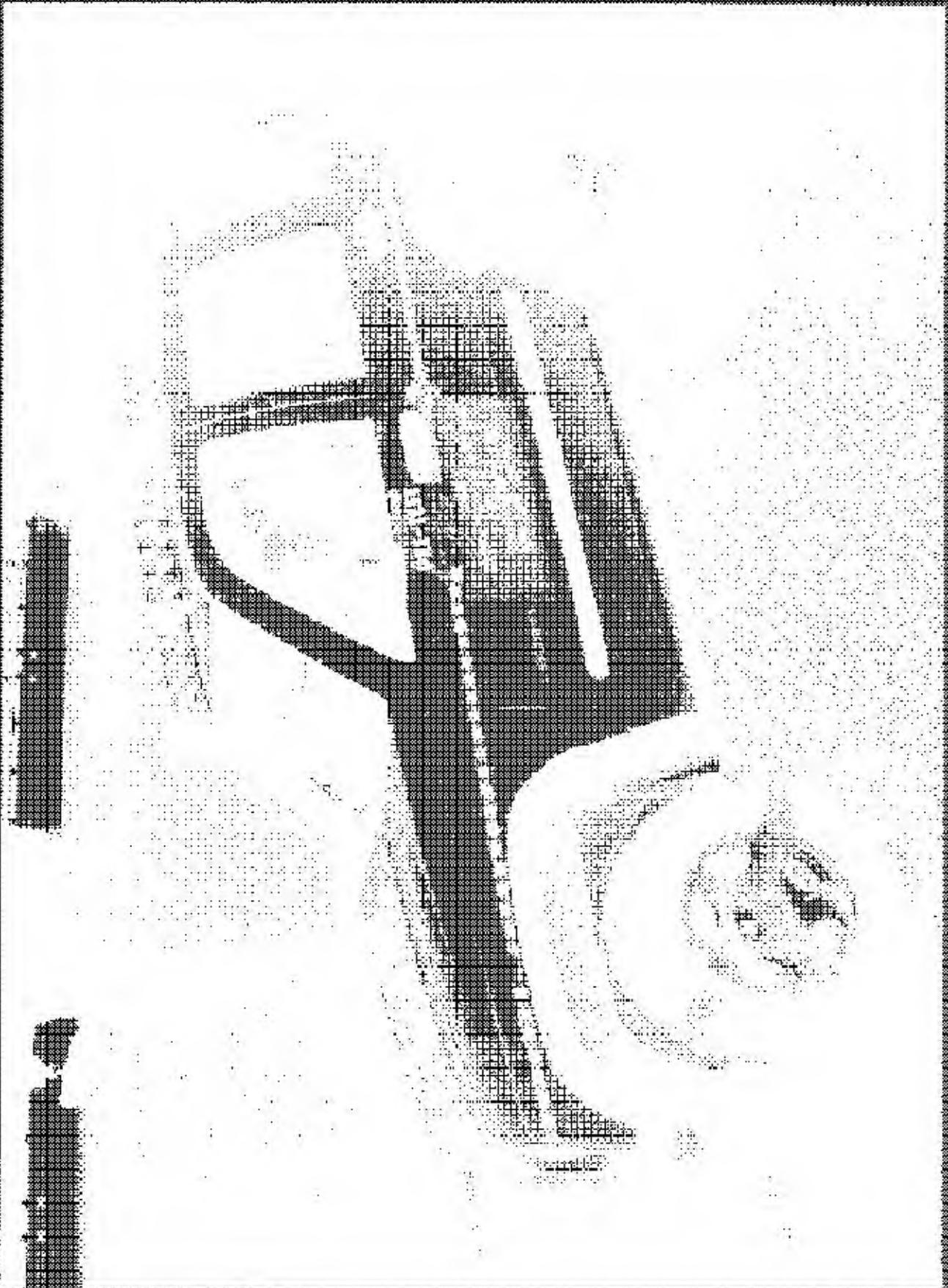
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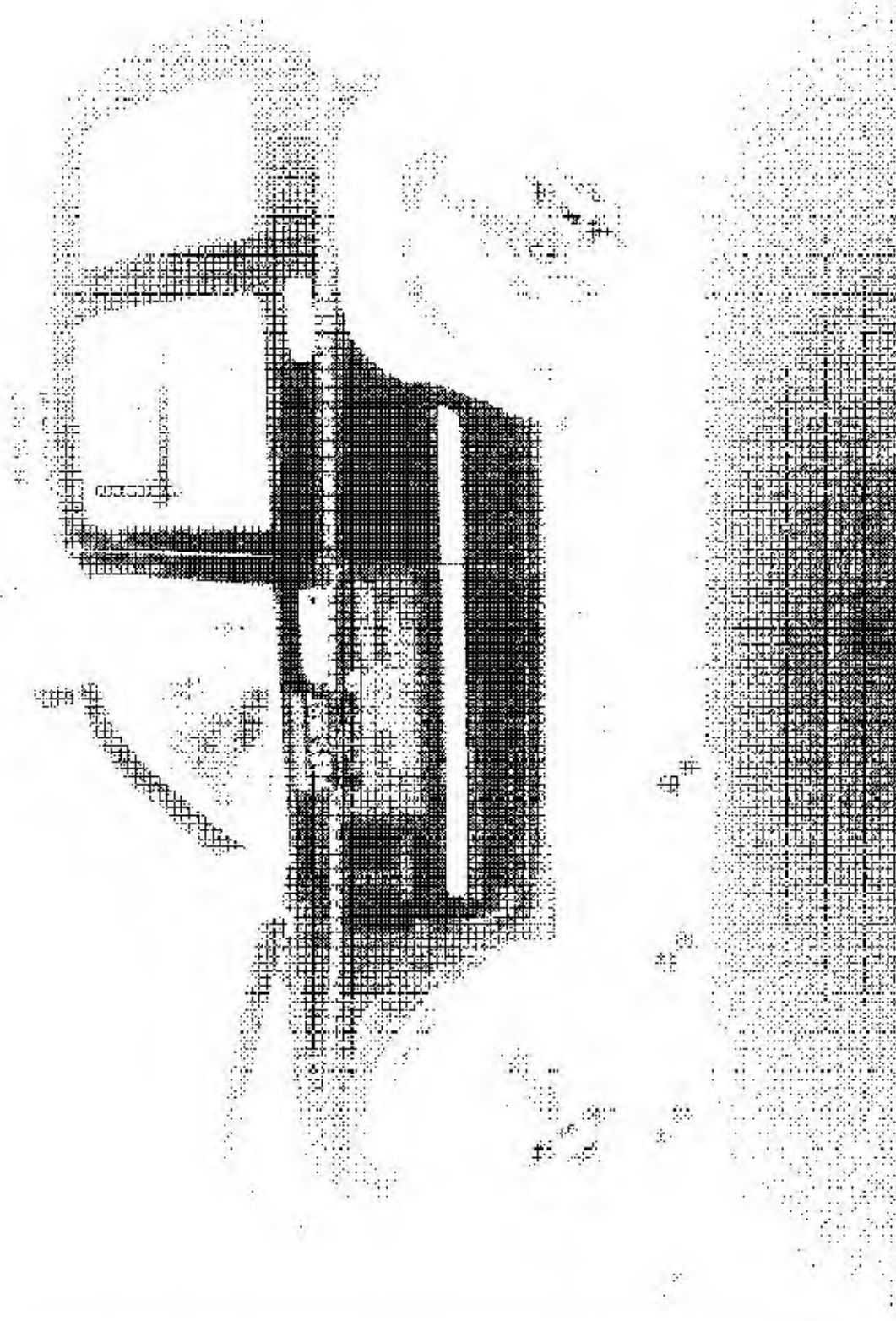
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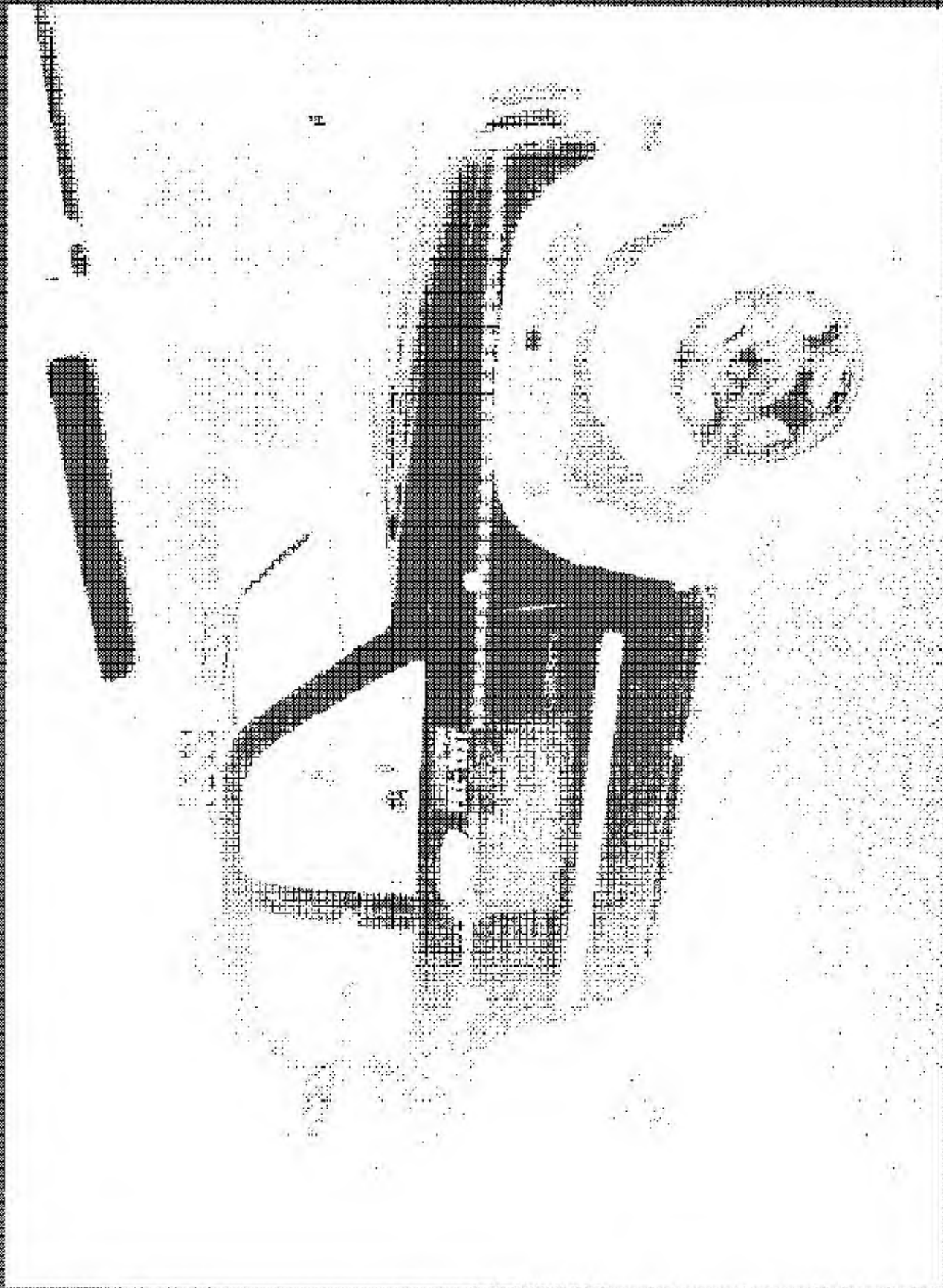
Post-Test Front View of Test Vehicle



Pre-Test Left Side View of Test Vehicle



Post-Test Left Side View of Test Vehicle

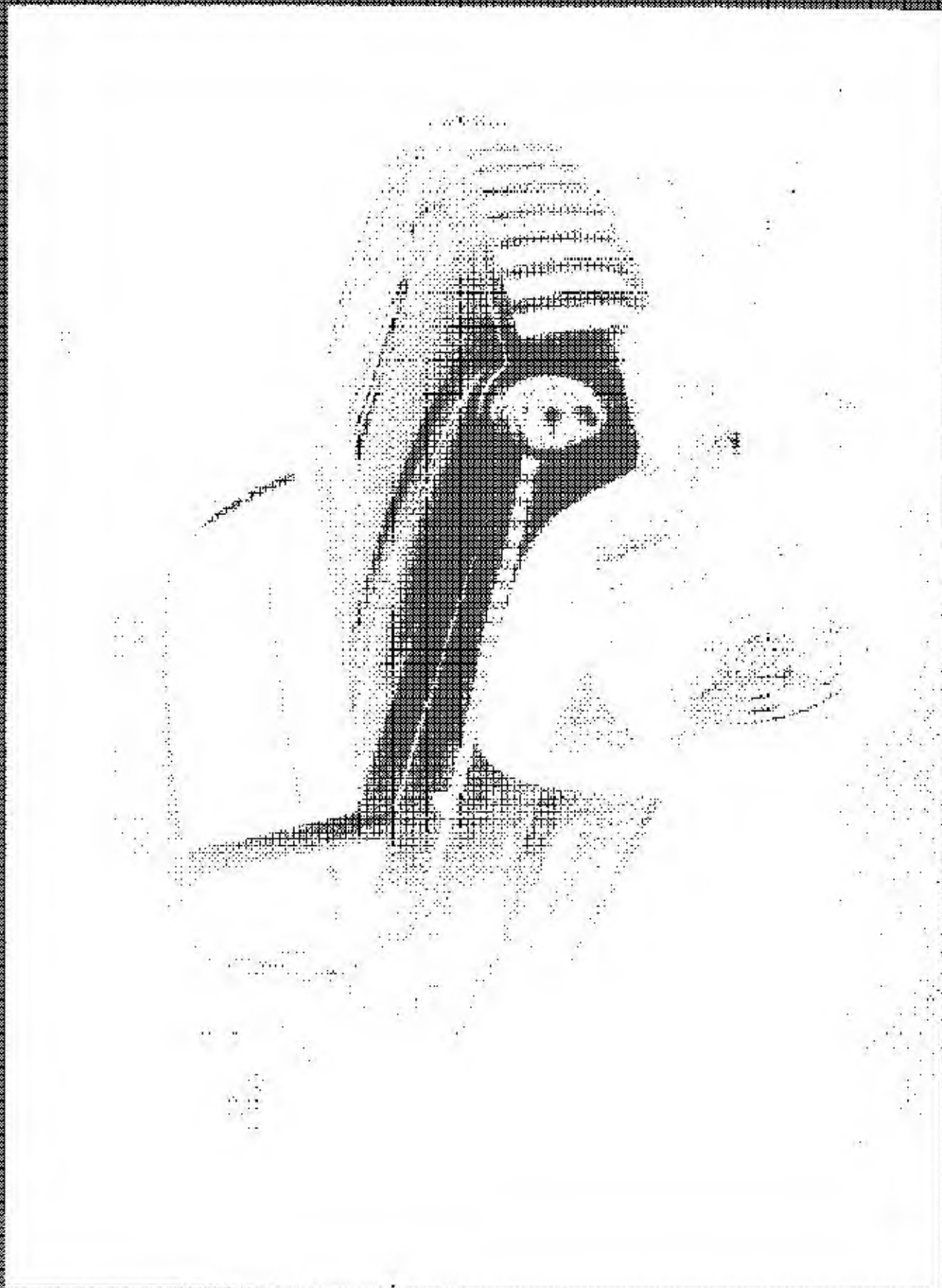


Pre-Test Right Side View of Test Vehicle

10-10-68



Post-Test Right Side View of Test Vehicle



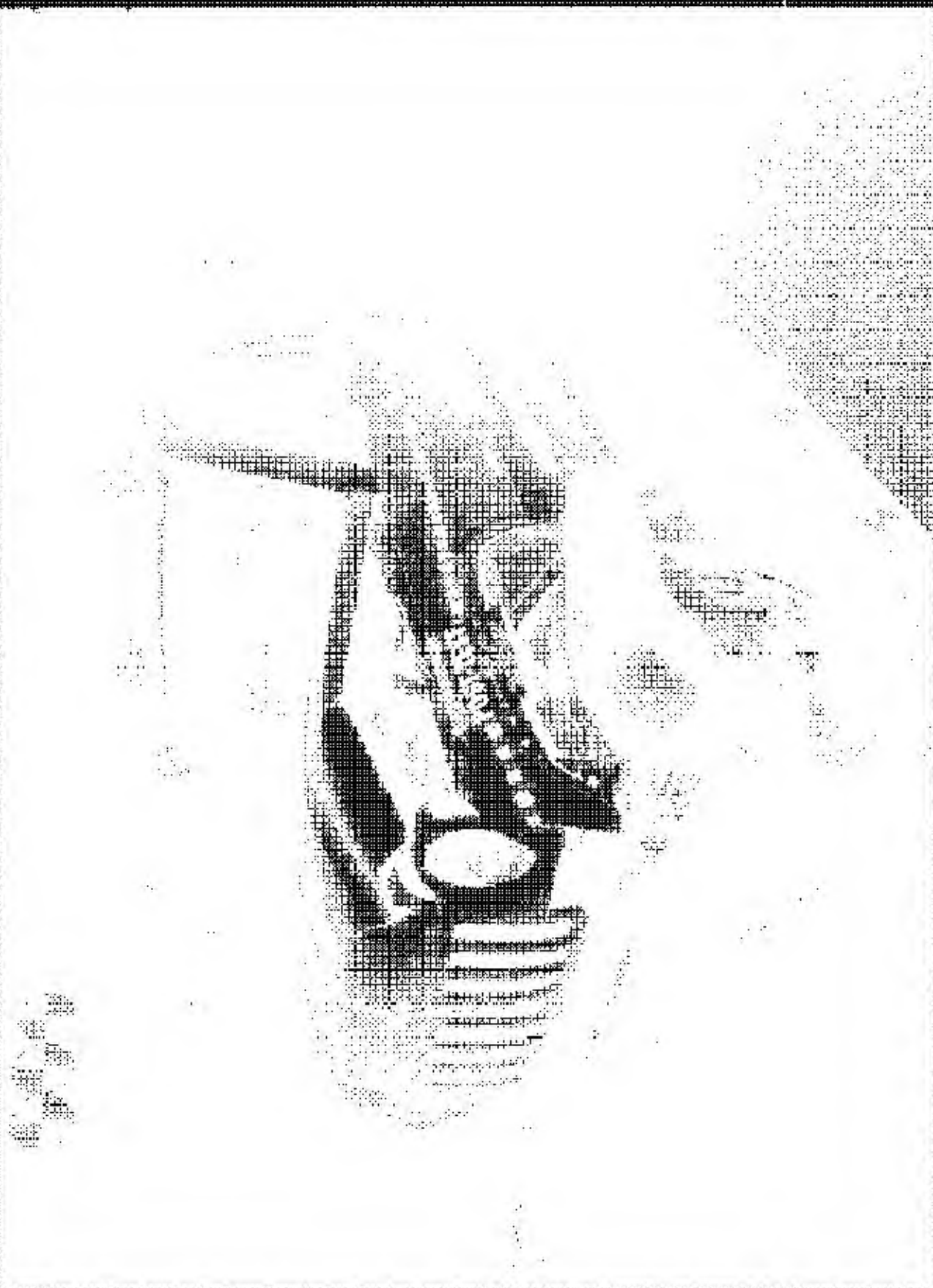
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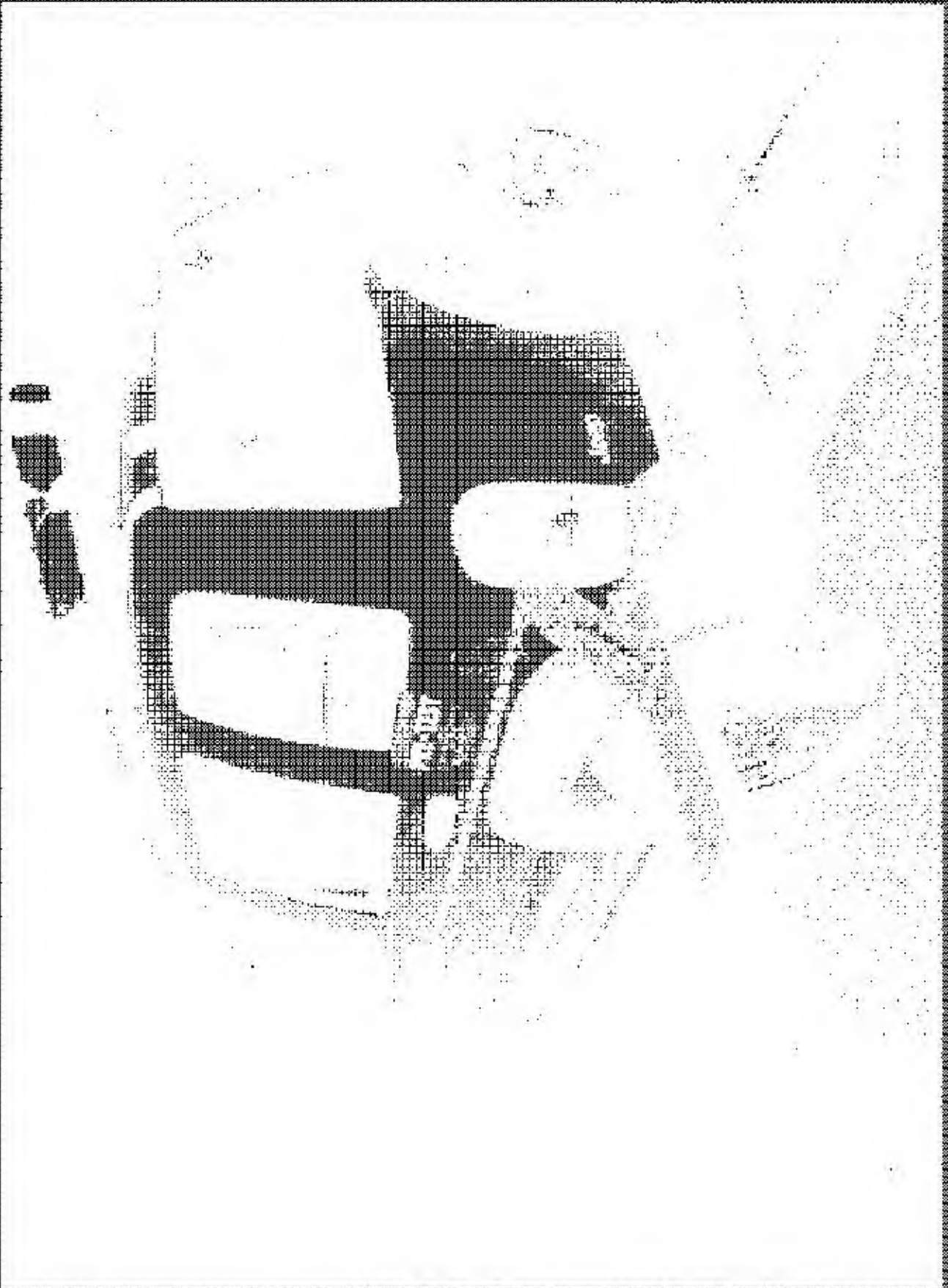
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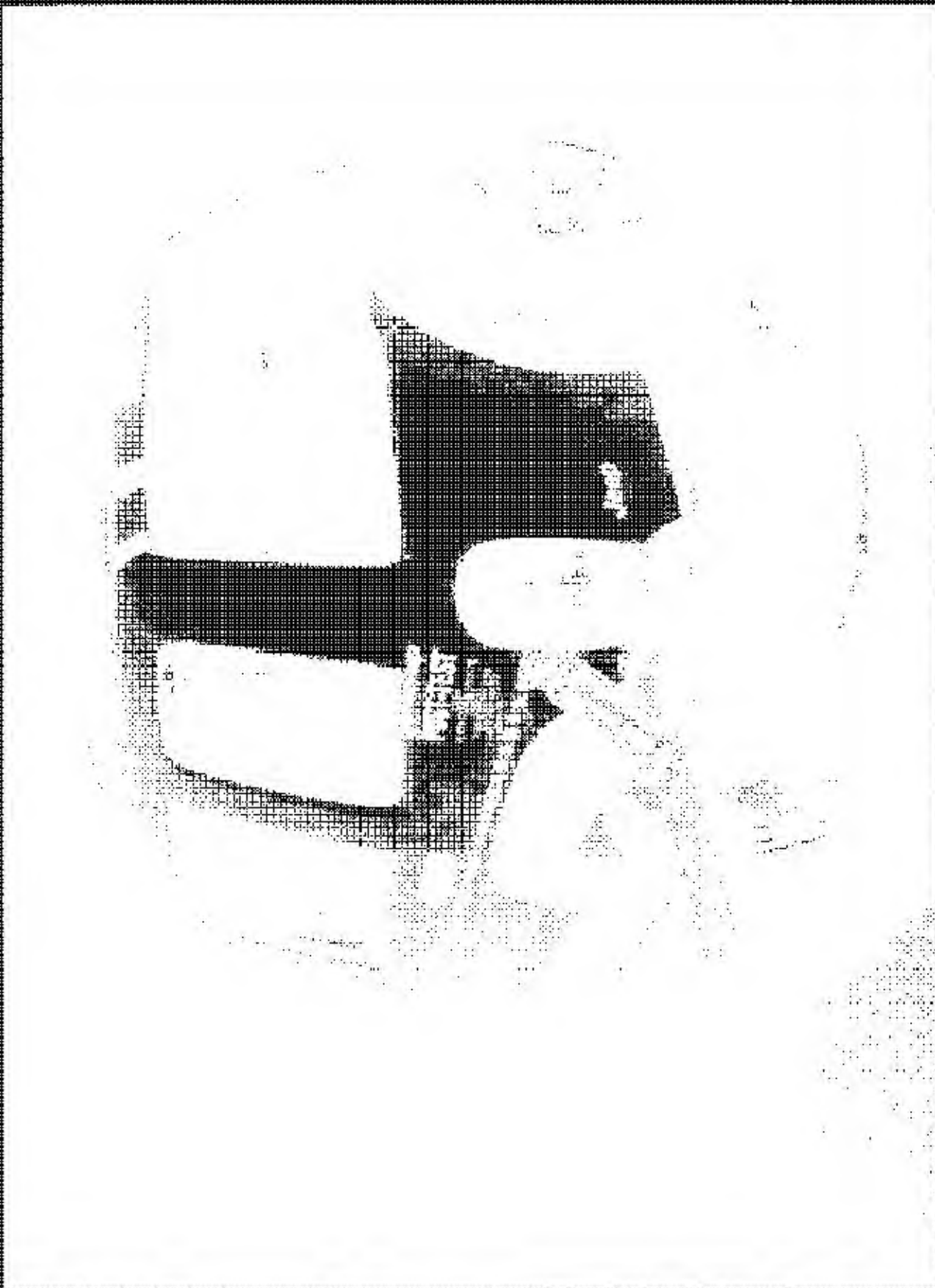
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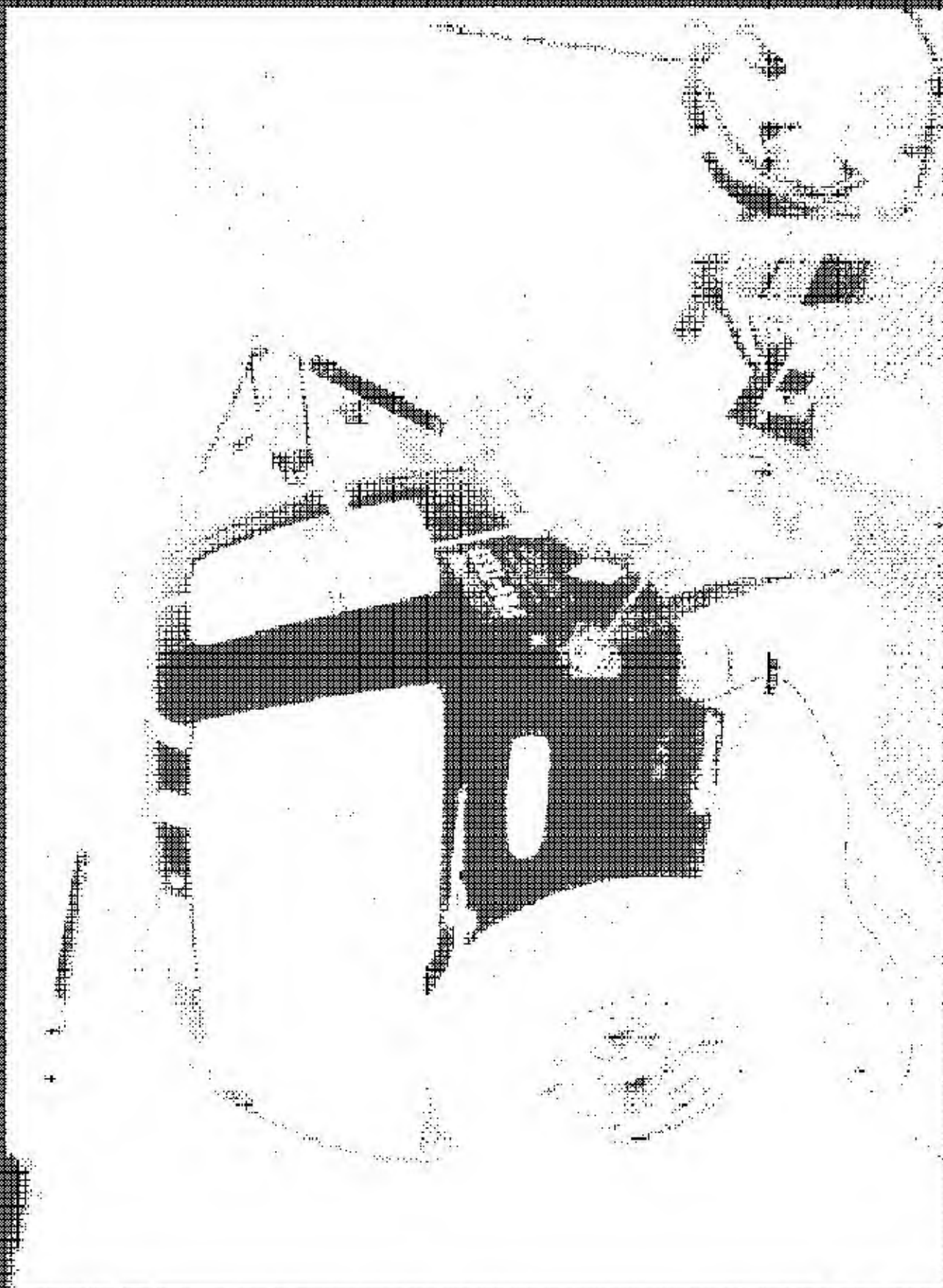
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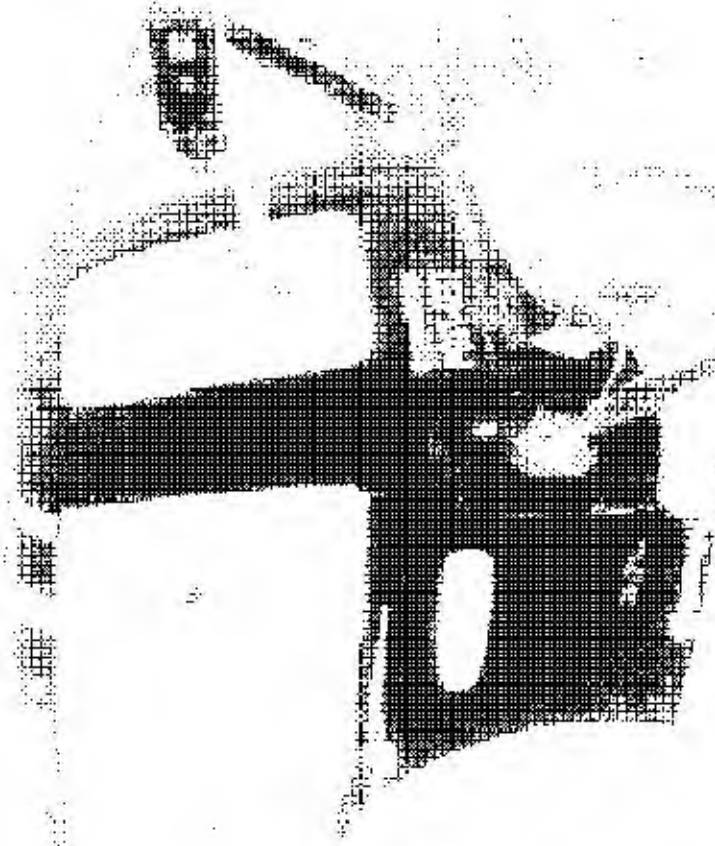
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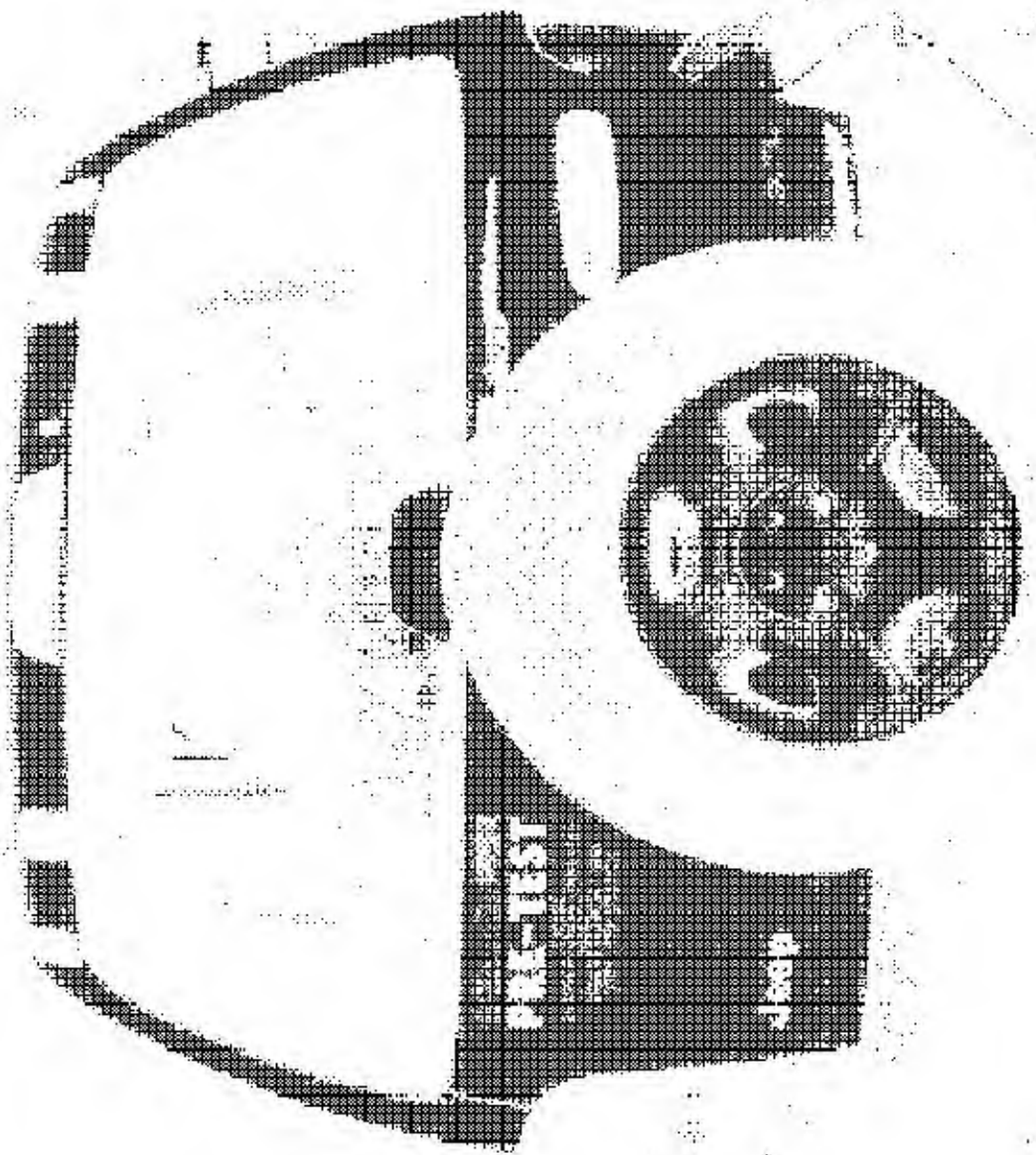
Post-Test Left Rear Three-Quarter View of Test Vehicle



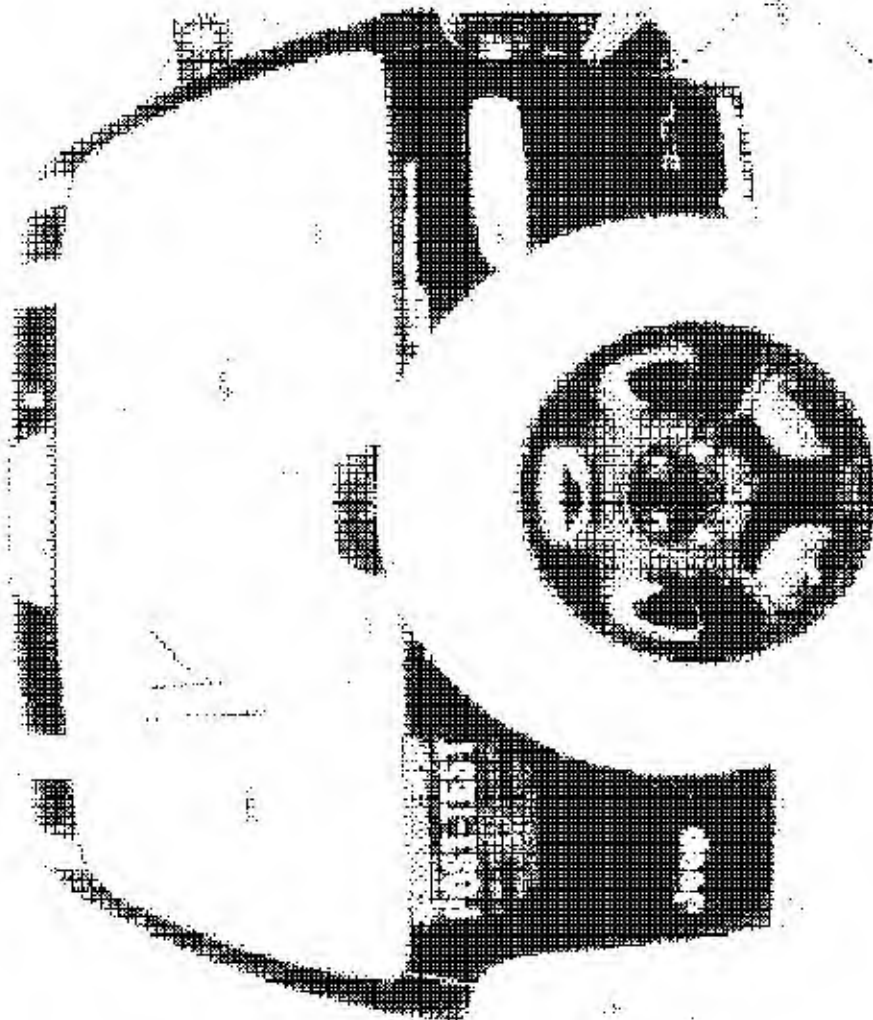
Pre-Test Right Rear Three-Quarter View of Test Vehicle



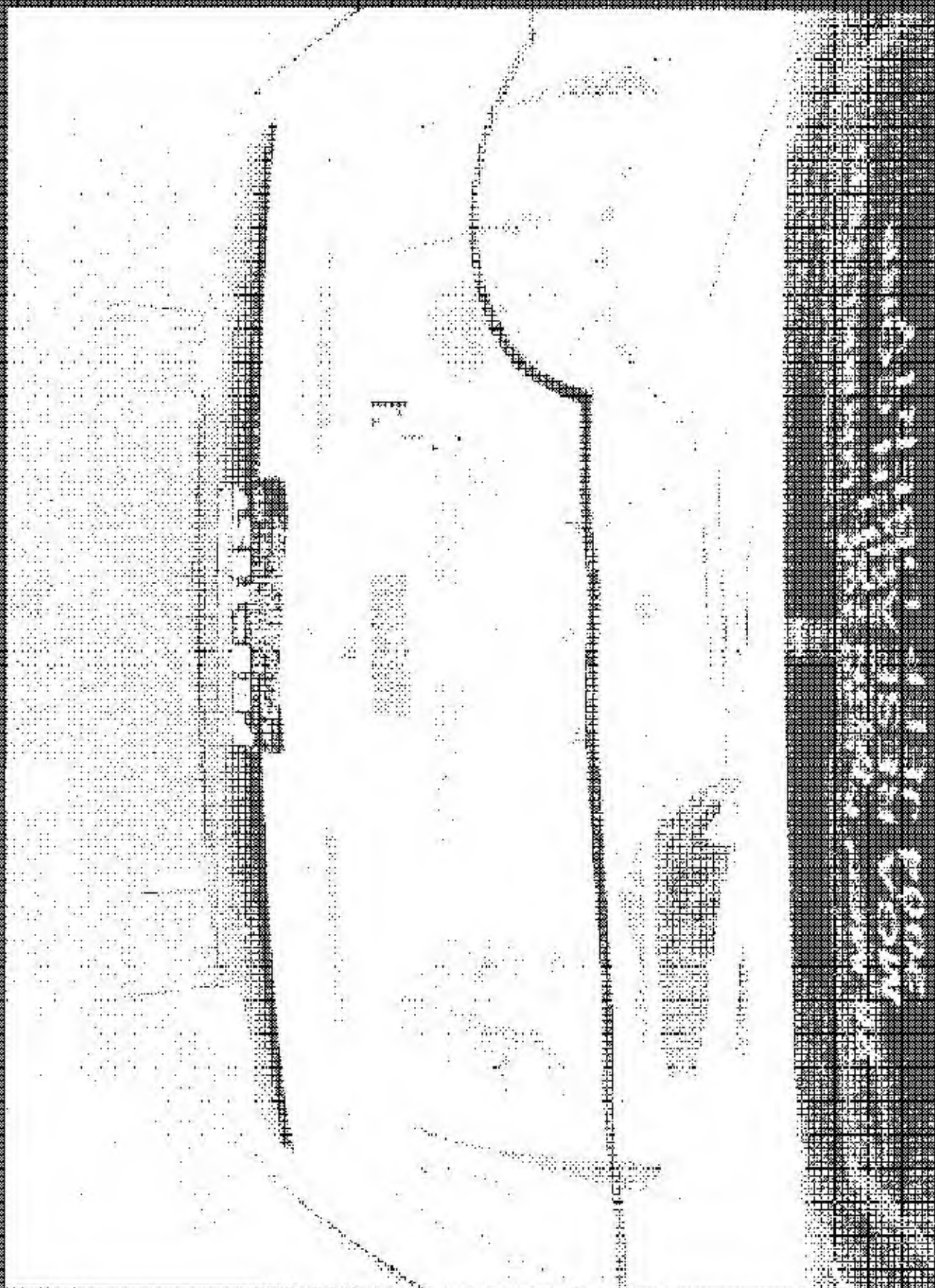
Post-Test Right Rear Three-Quarter View of Door After Impact



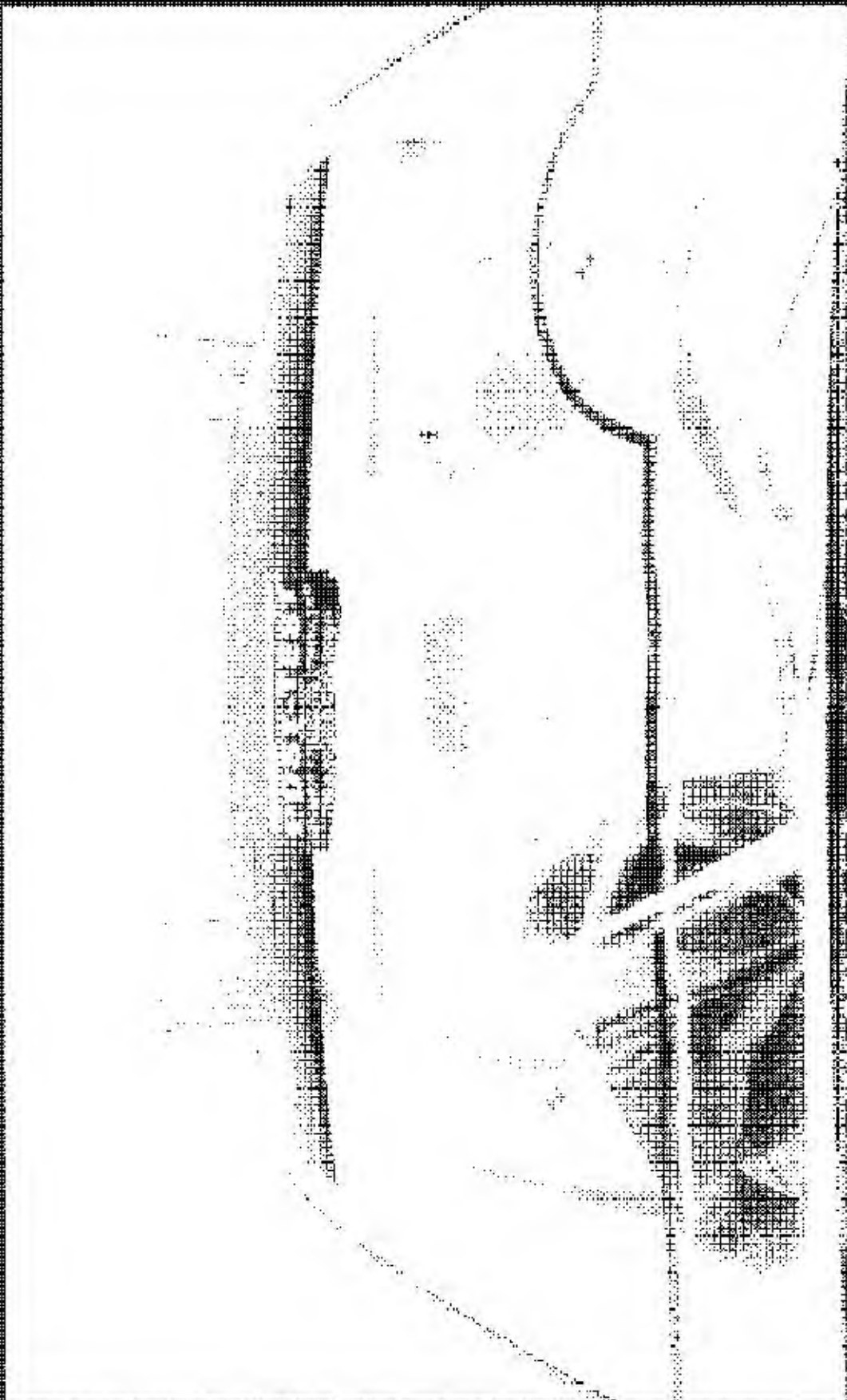
Pre-Test Rear View of Test Vehicle



Post-Test Rear View of Test Vehicle



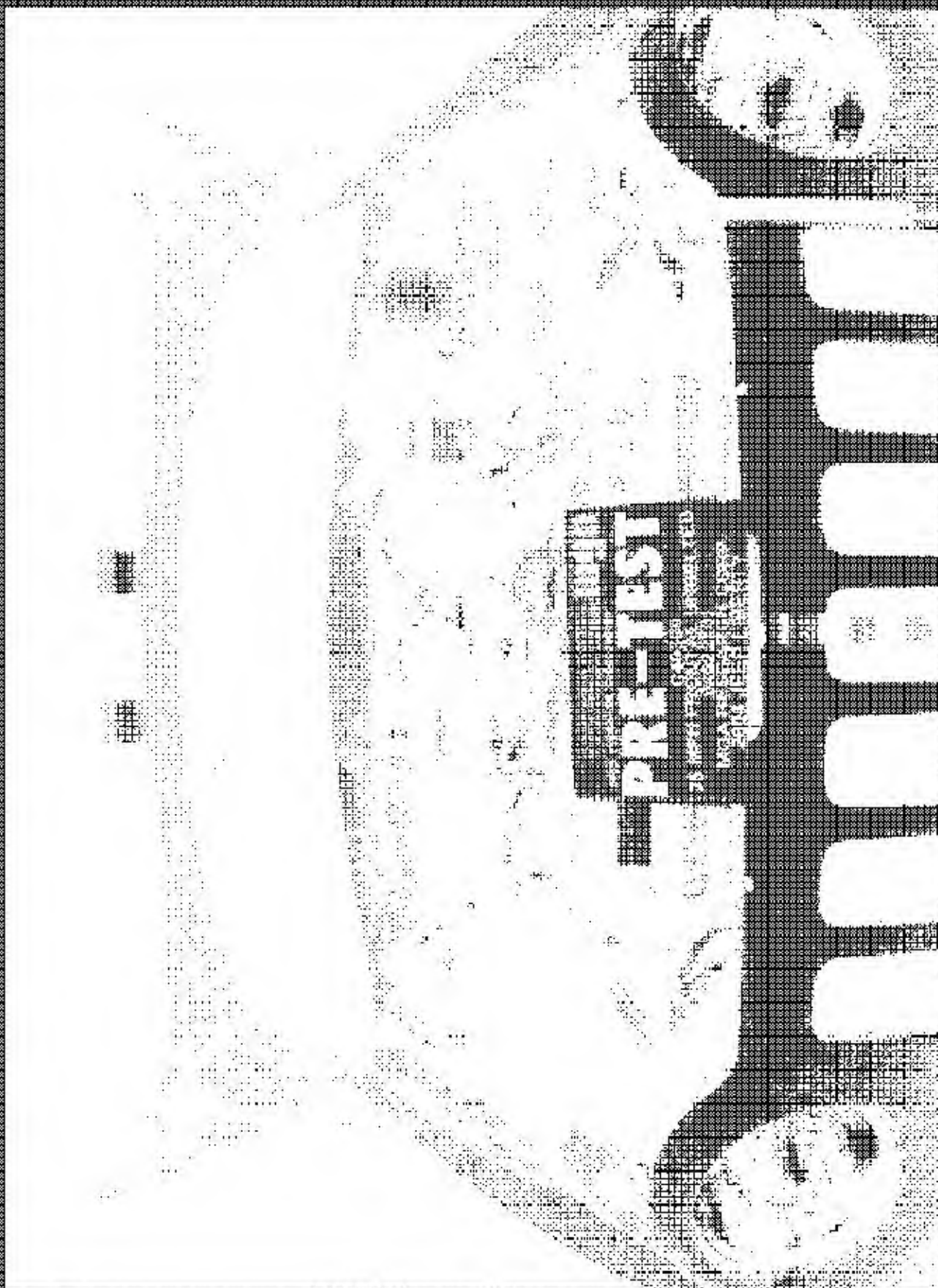
Pre-Test Windshield View



ASBESTOS CONTAMINATION

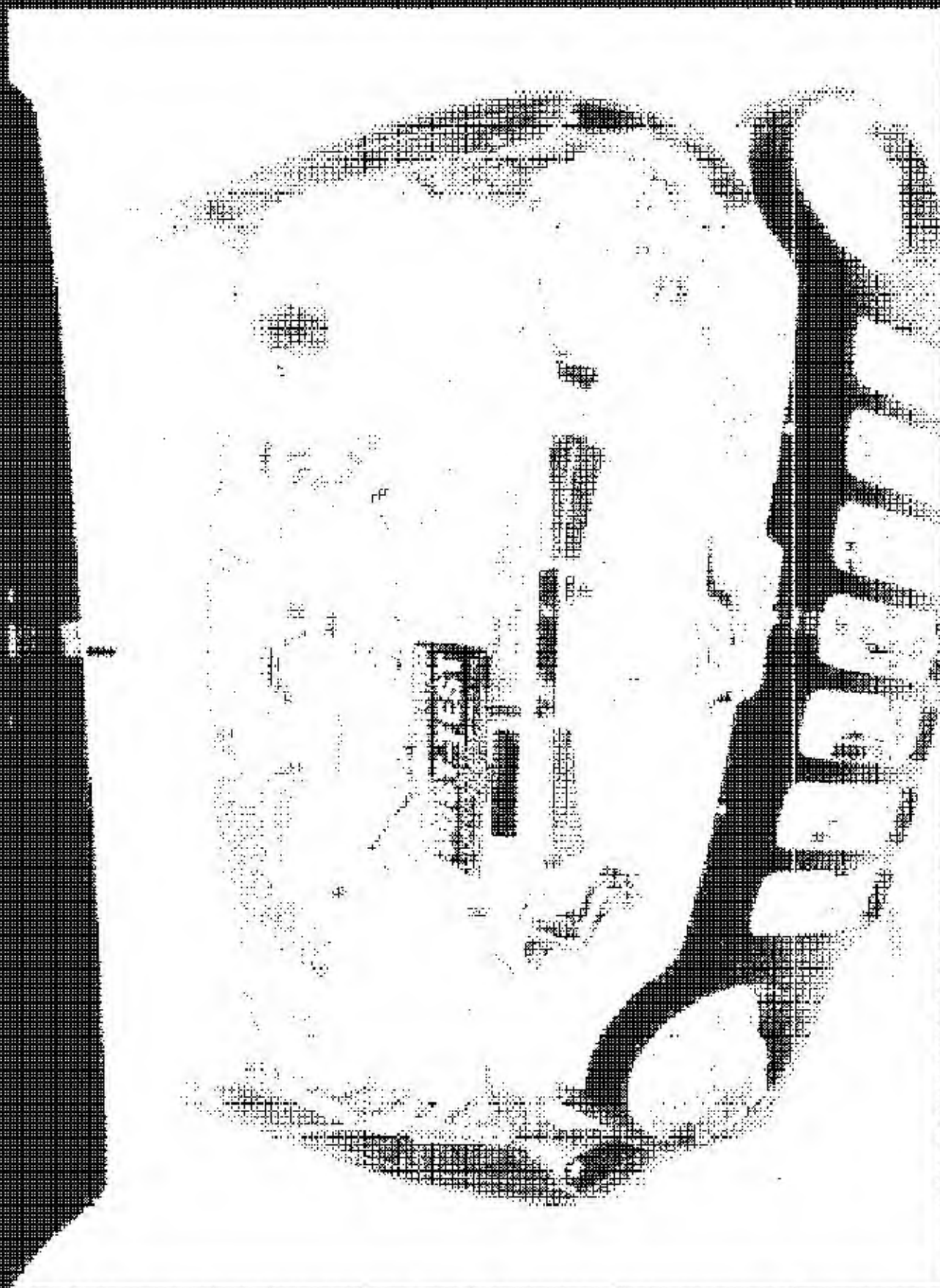
1980
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1982

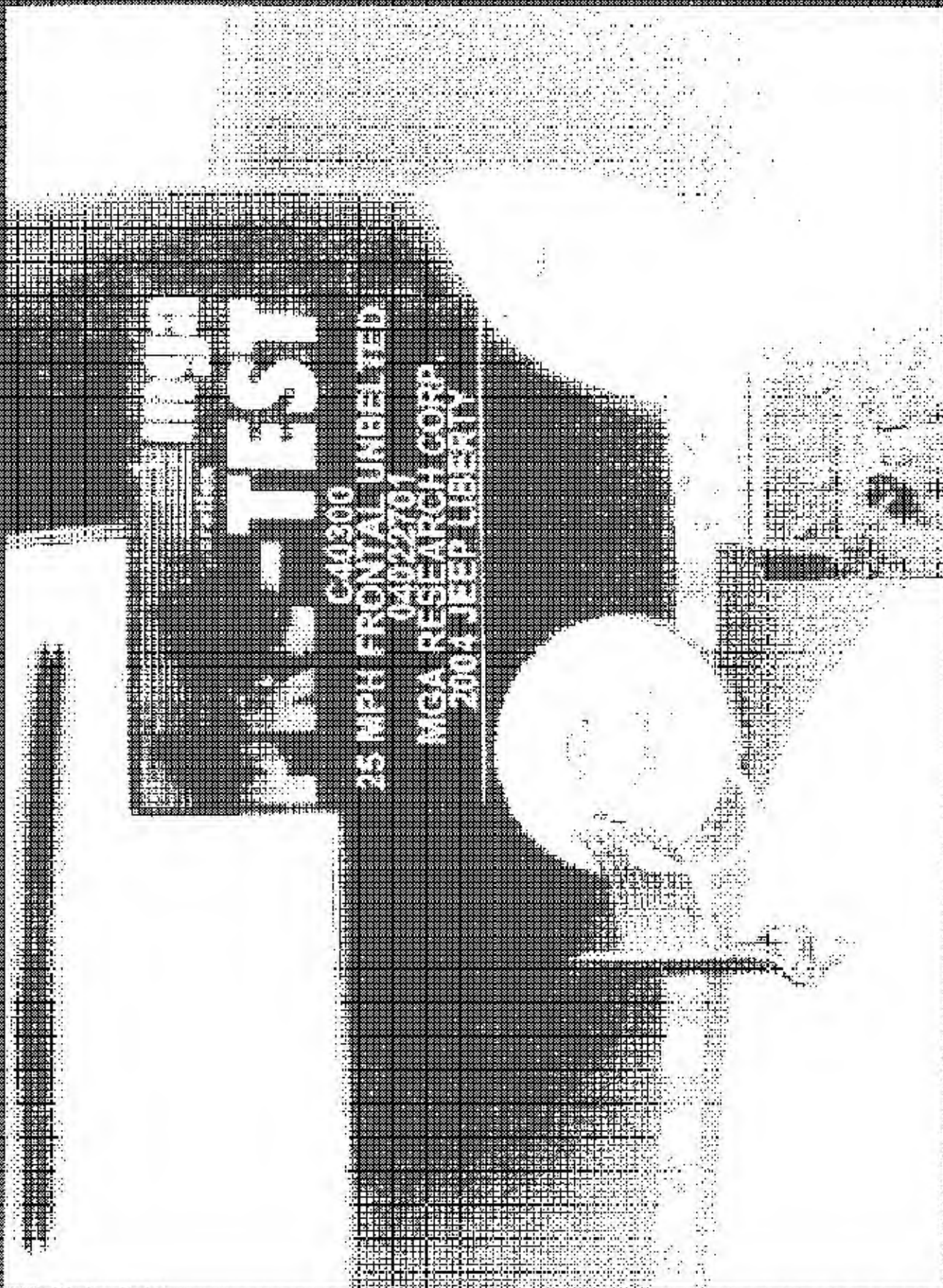
Post-Test Windshield View



Pre-Test Engine Compartment View

Post-Test Engine Compartment View



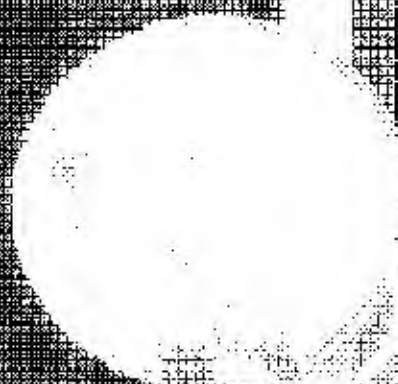


Pre-Test Fuel Filler Cap View

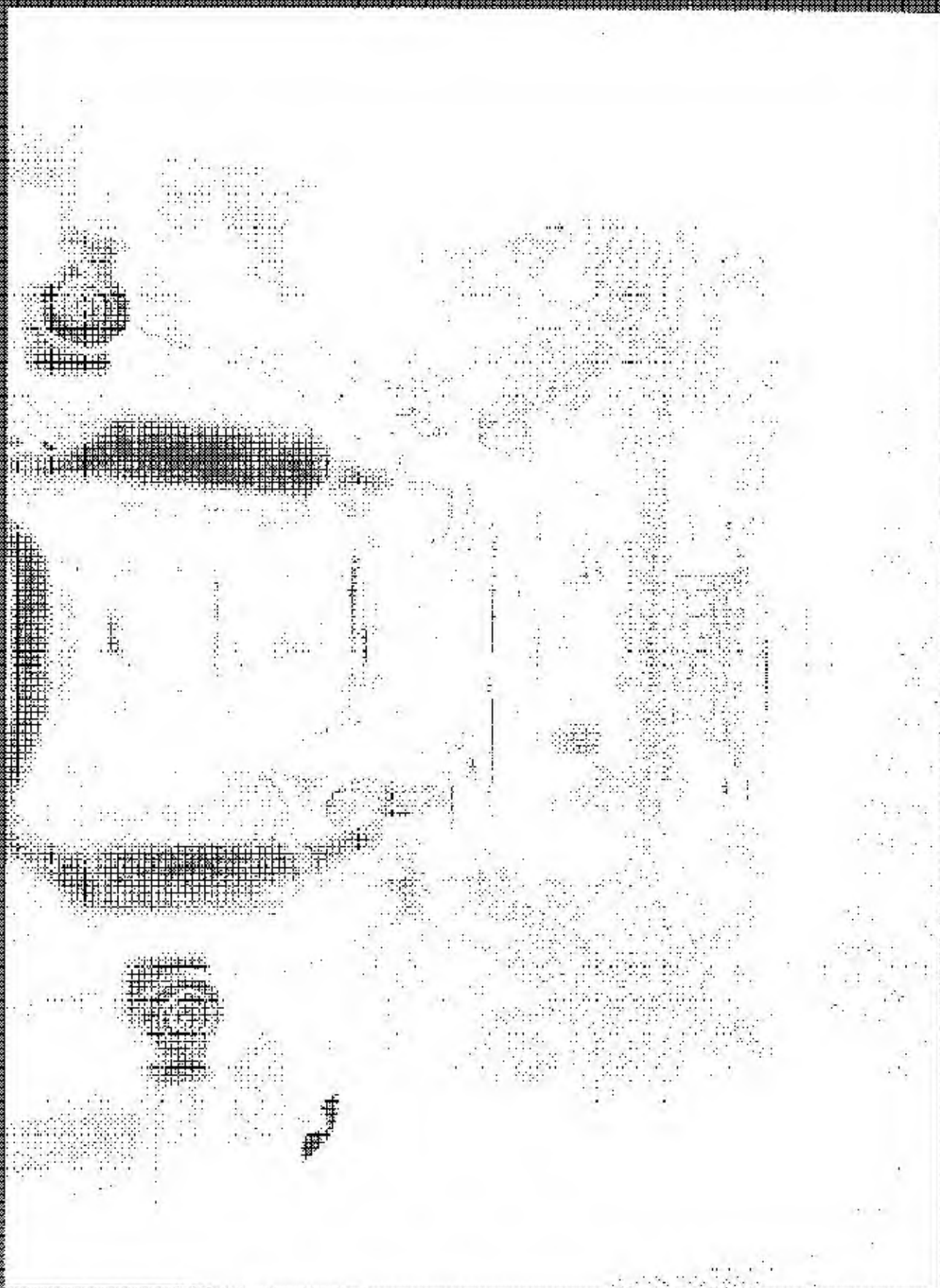
POSTERS

28 MILL FRODO BAGGINS LIMITED

WGA RESEARCH CORP.
2004 JEEP LIBERTY

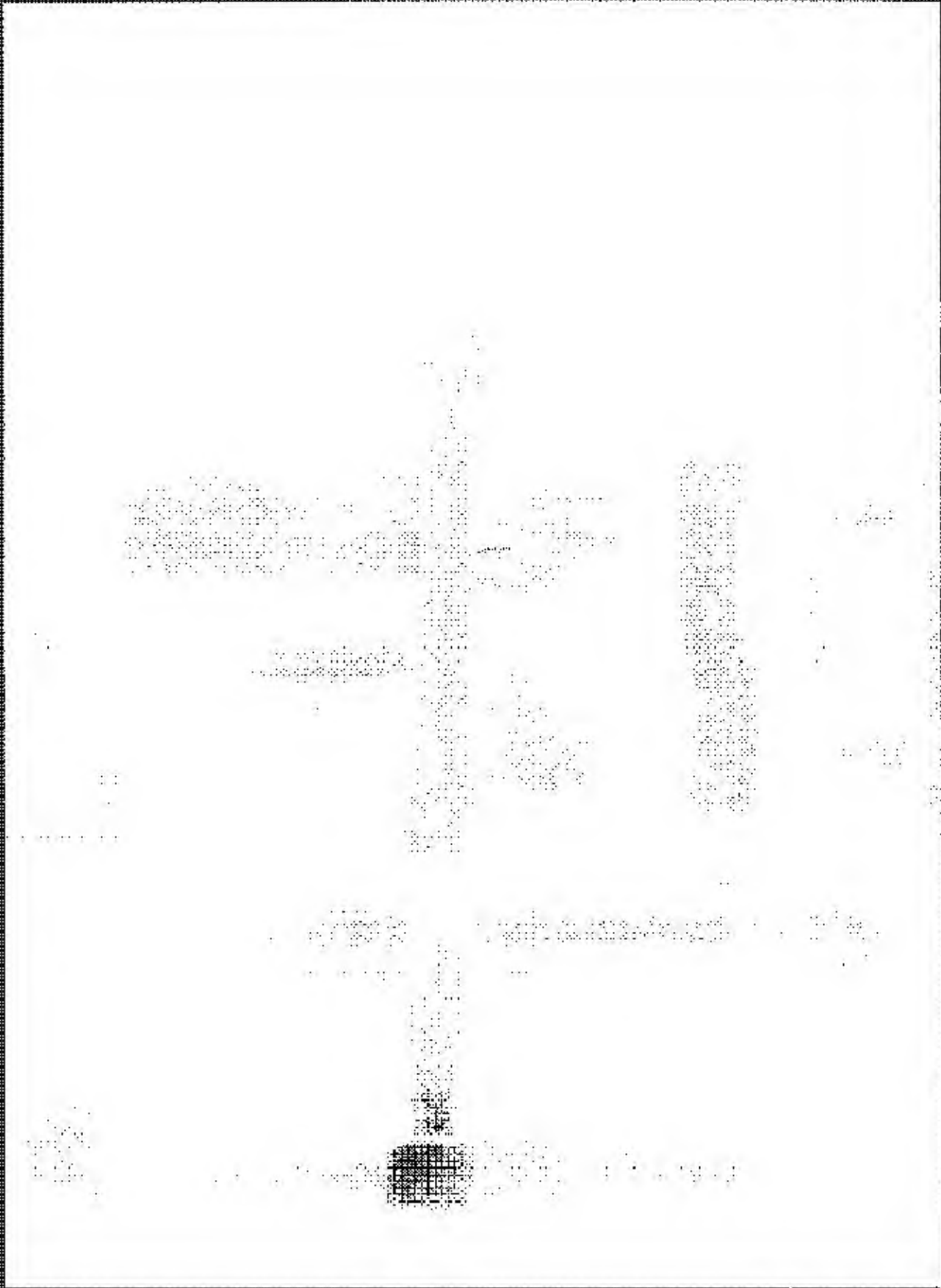


Post-Test Fuel Filler Cap View

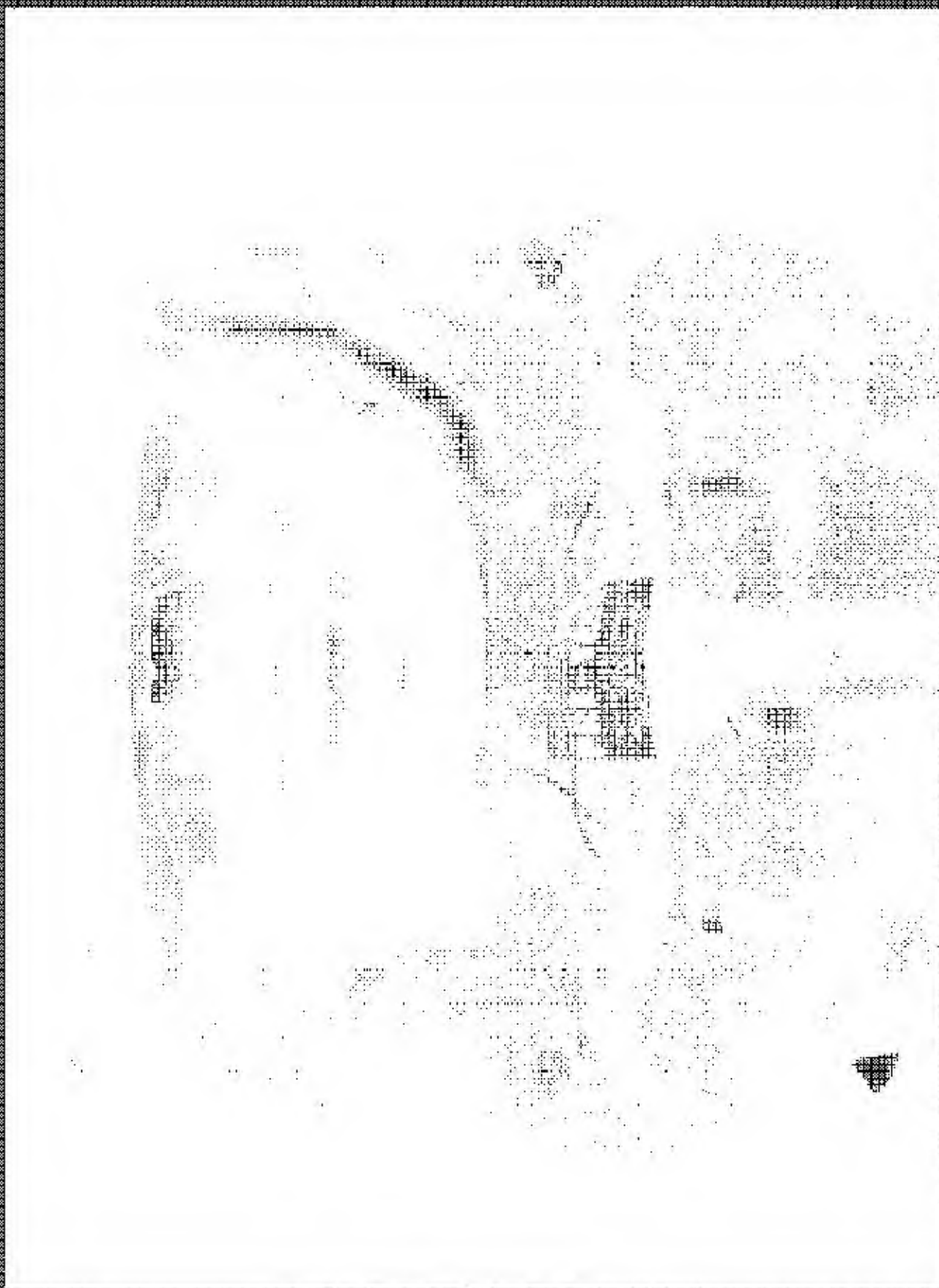


Pre-Test Front Underbody View

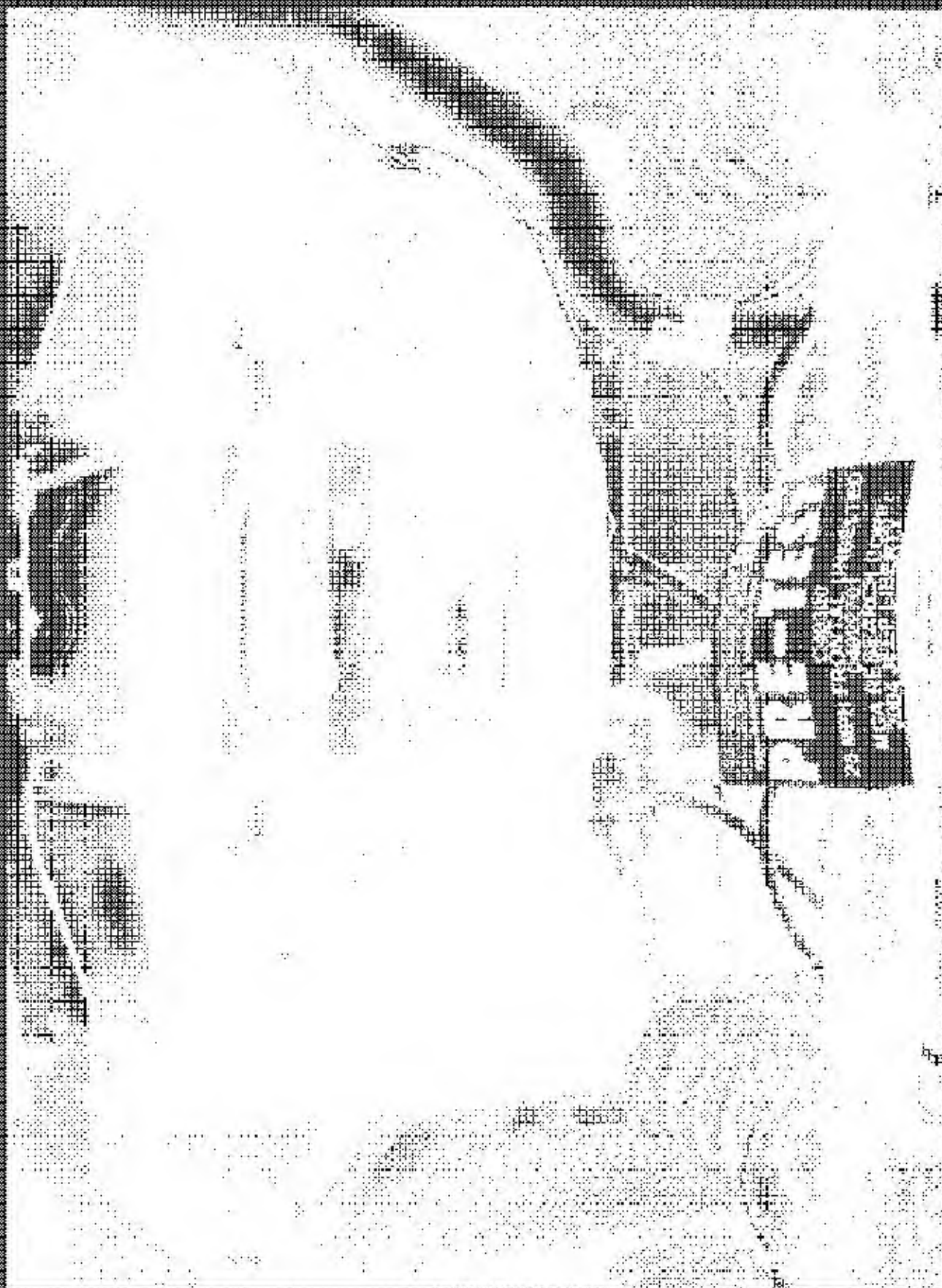
Post-Test Front Underbody View



Post-Test N/A Underbody

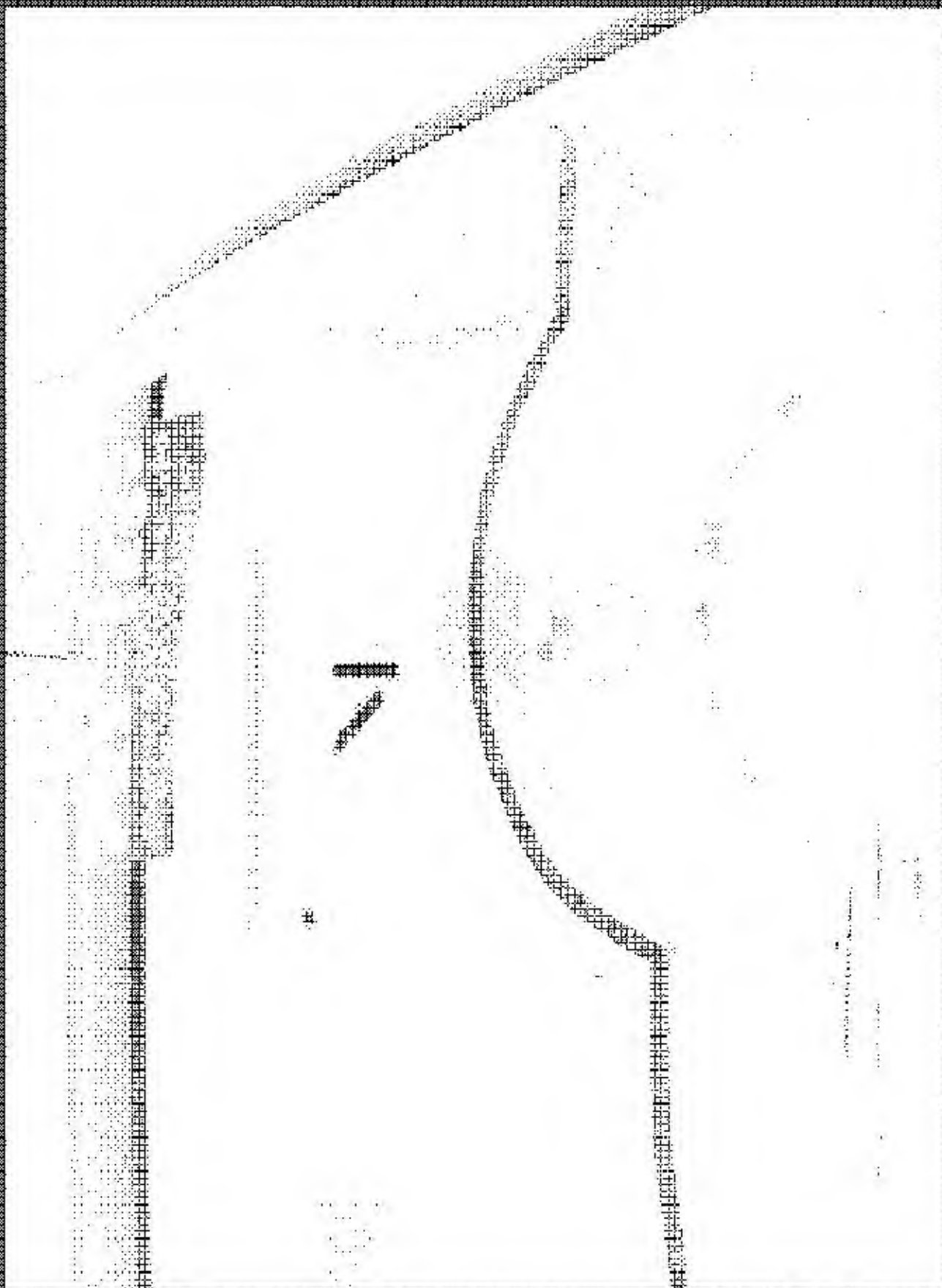


Pre-Test Rear Underbody View

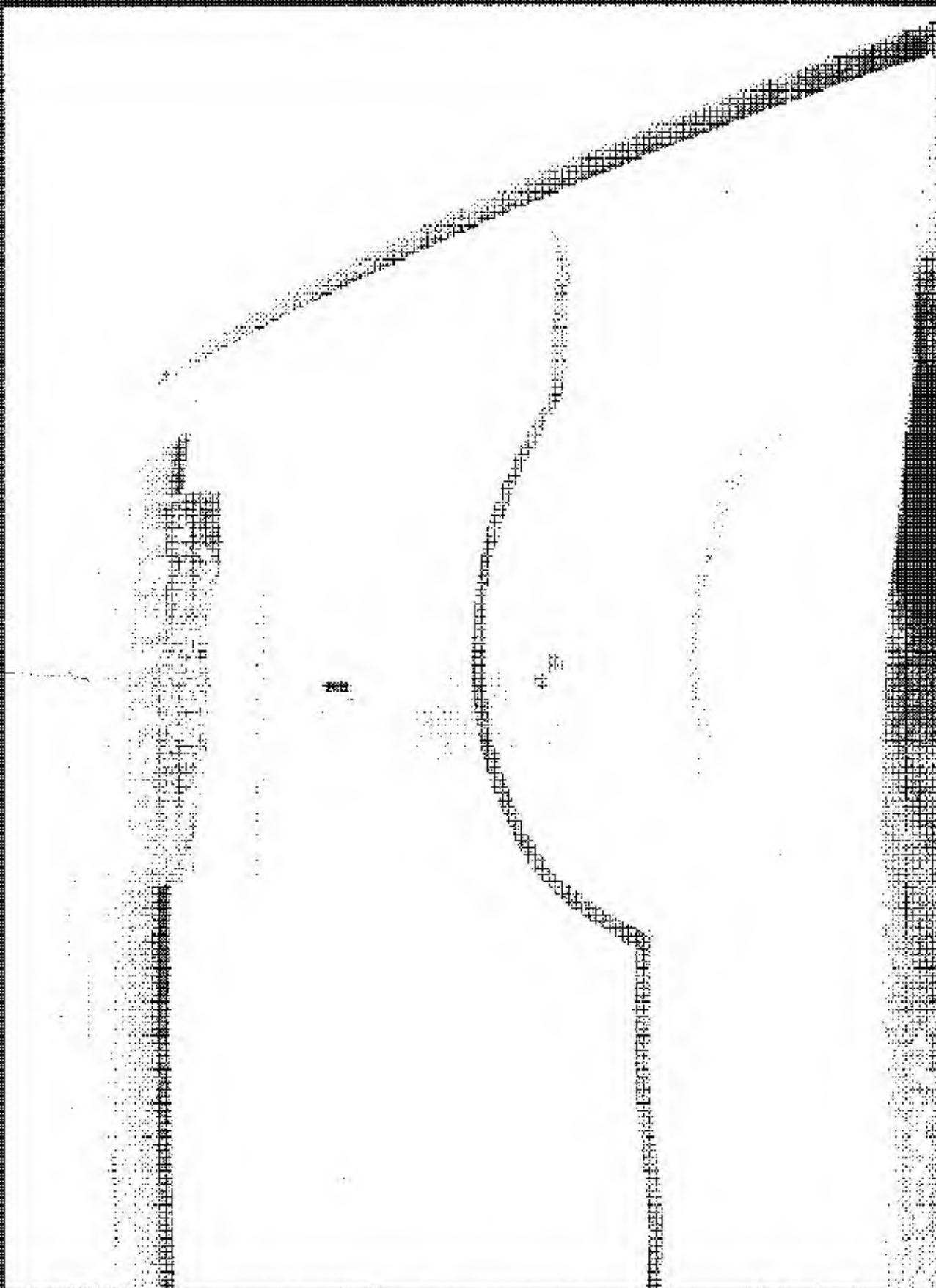


Pre-Test Fuel Tank View

Port-Test Fuel Tank View



Pre-Test Driver Dummy Front View (head position)



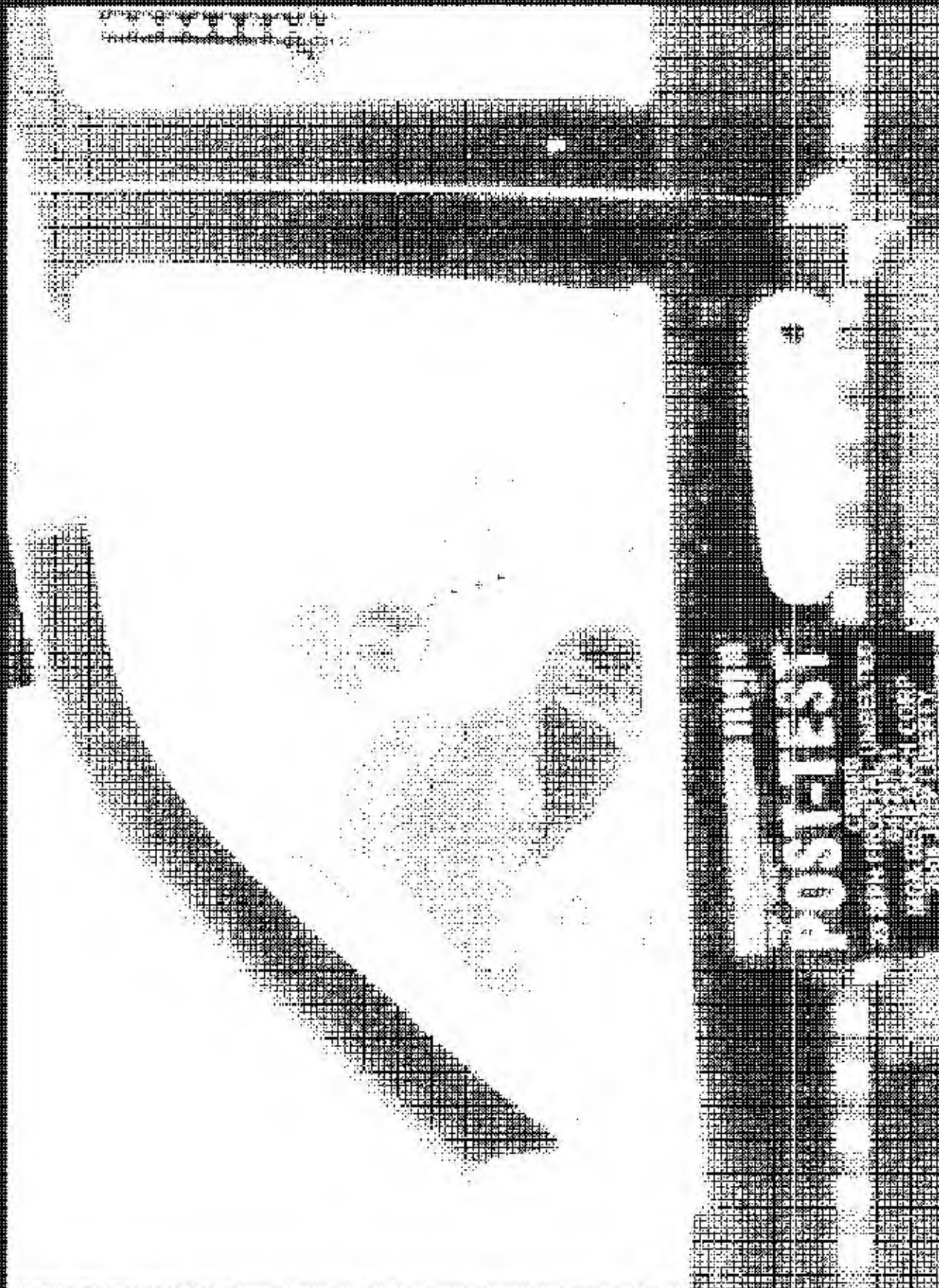
Post-Test Driver Dummy Front View (Head Position)



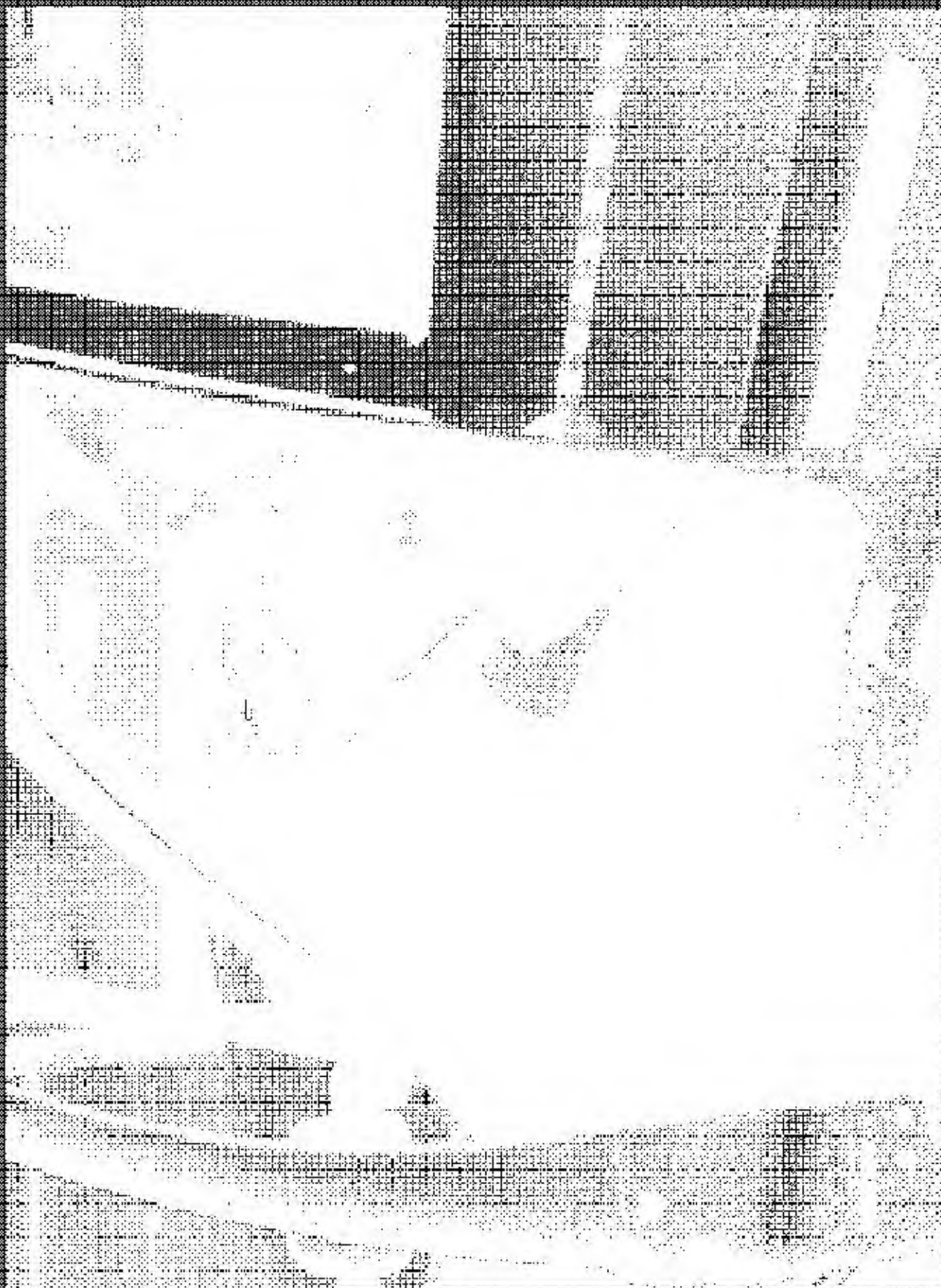
PRE-TEST

C40300

Pre-Test Driver Dummy Position Left Side View

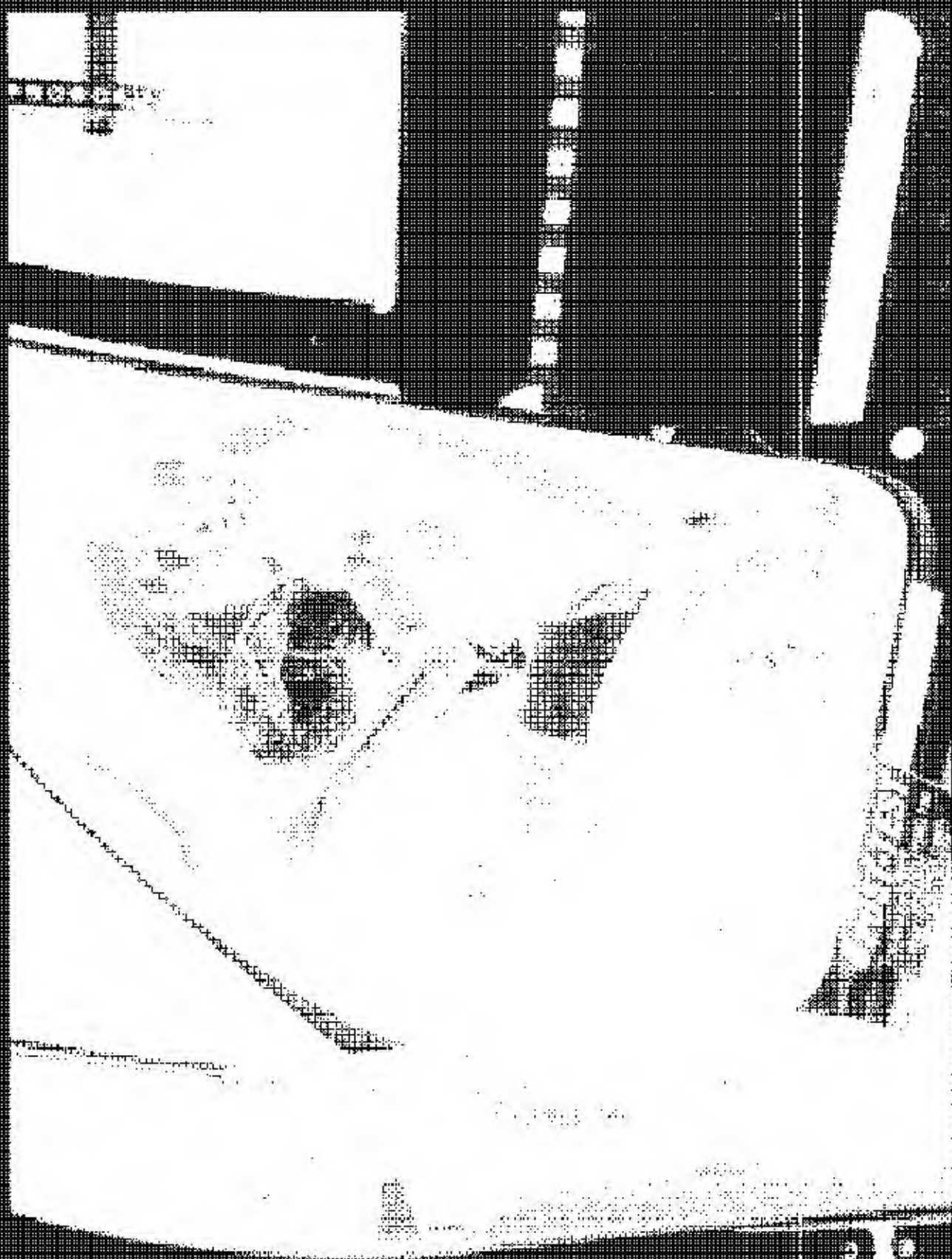


Post-Test Driver Dummy Position Left Side View



Pre-Test Driver Dummy Position Left Side View (Door Open)

Post-Test Driver Dummy Position Left Side View (Door Open)



PRE-TEST

CAUTION
36 IN FRONTAL UNBELTED
DANGER

MOORE RESEARCH CORP.
PITTSBURGH, PA

Pre-Test Driver Dummy Seat Position

POST-TEST

C-40300
* 25 MPH FRONTAL UNBELTIED
04022701

NCA RESEARCH CORP.
LIBERTY

Post-Tail Driver Dummy Seat Position

PRELUDE

MS

25 APR 1968

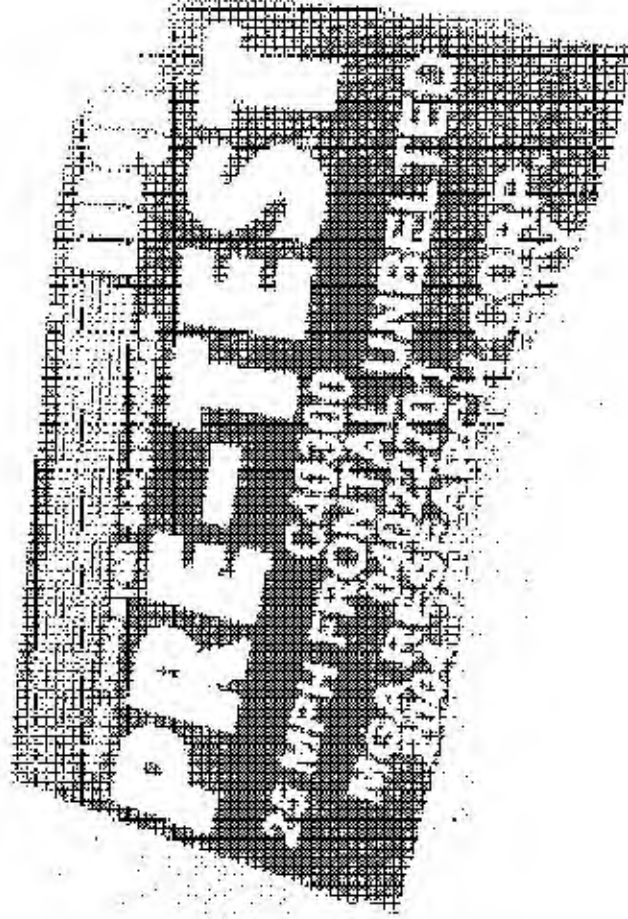
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● 2010年12月11日



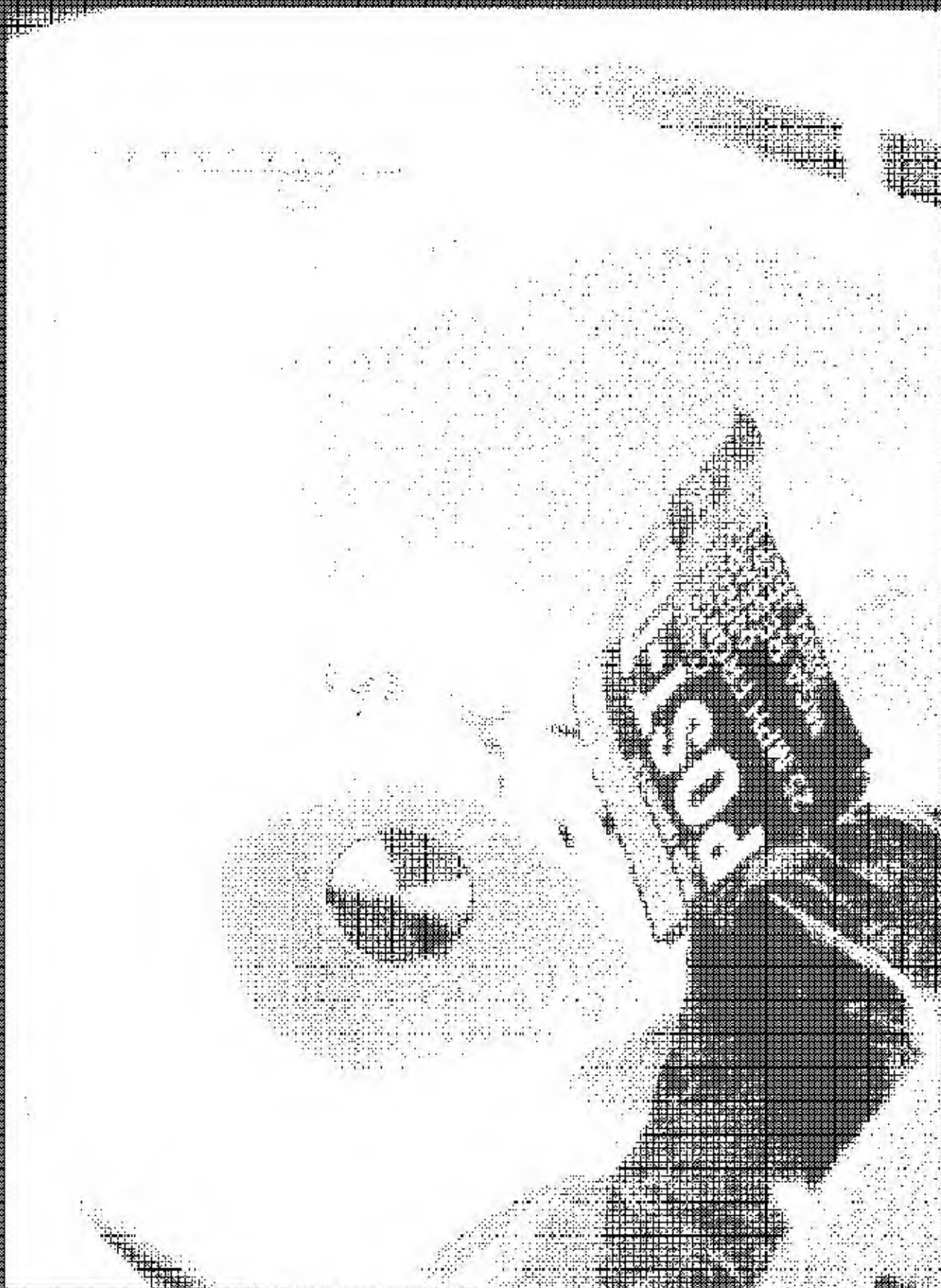
Post-Test Driver Dummy Seat Position



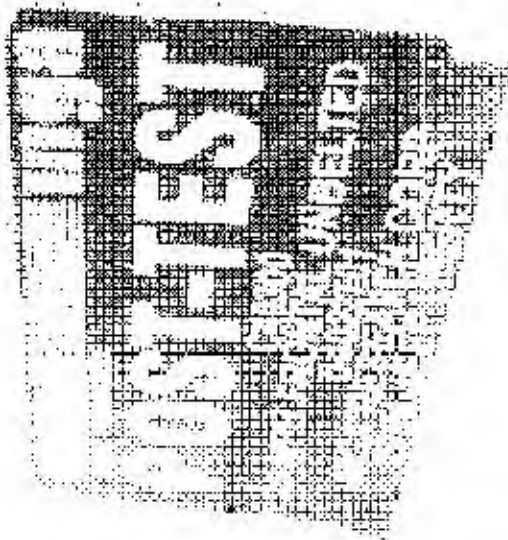
Pre-Test Driver Side Knee Bolster View



Post-Test Driver Side Mirror Bolster View



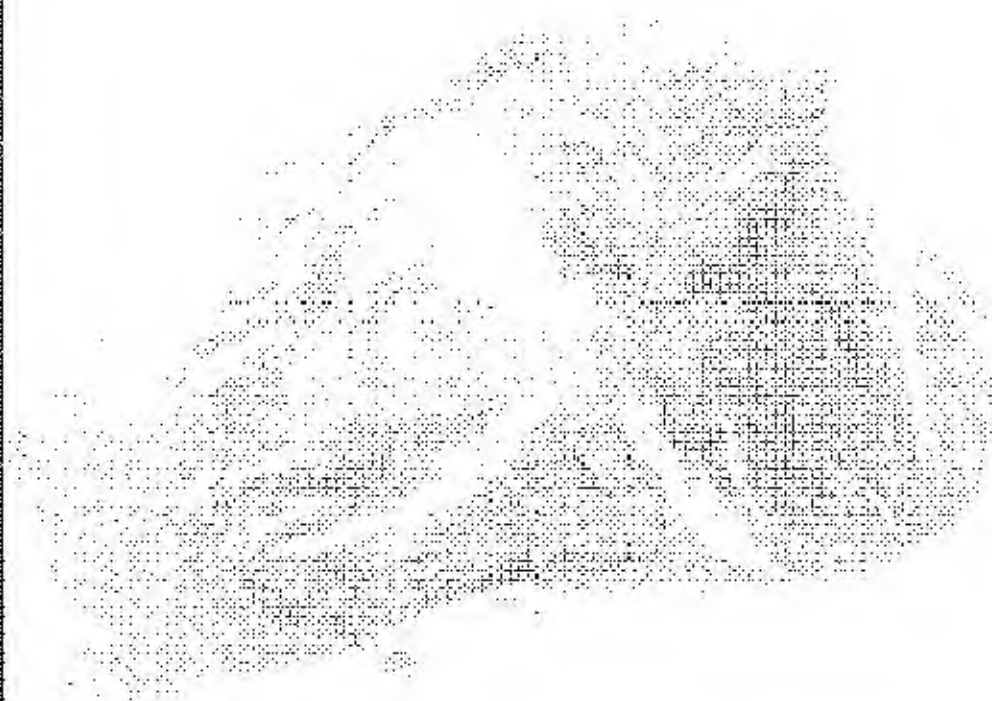
Post-Test Driver Dummy Head Contact



Post-Test Driver Dummy Head Contact



Post-Test Driver Dummy Knee Contact



Pre-Test Passenger Dummy Front View (head position)

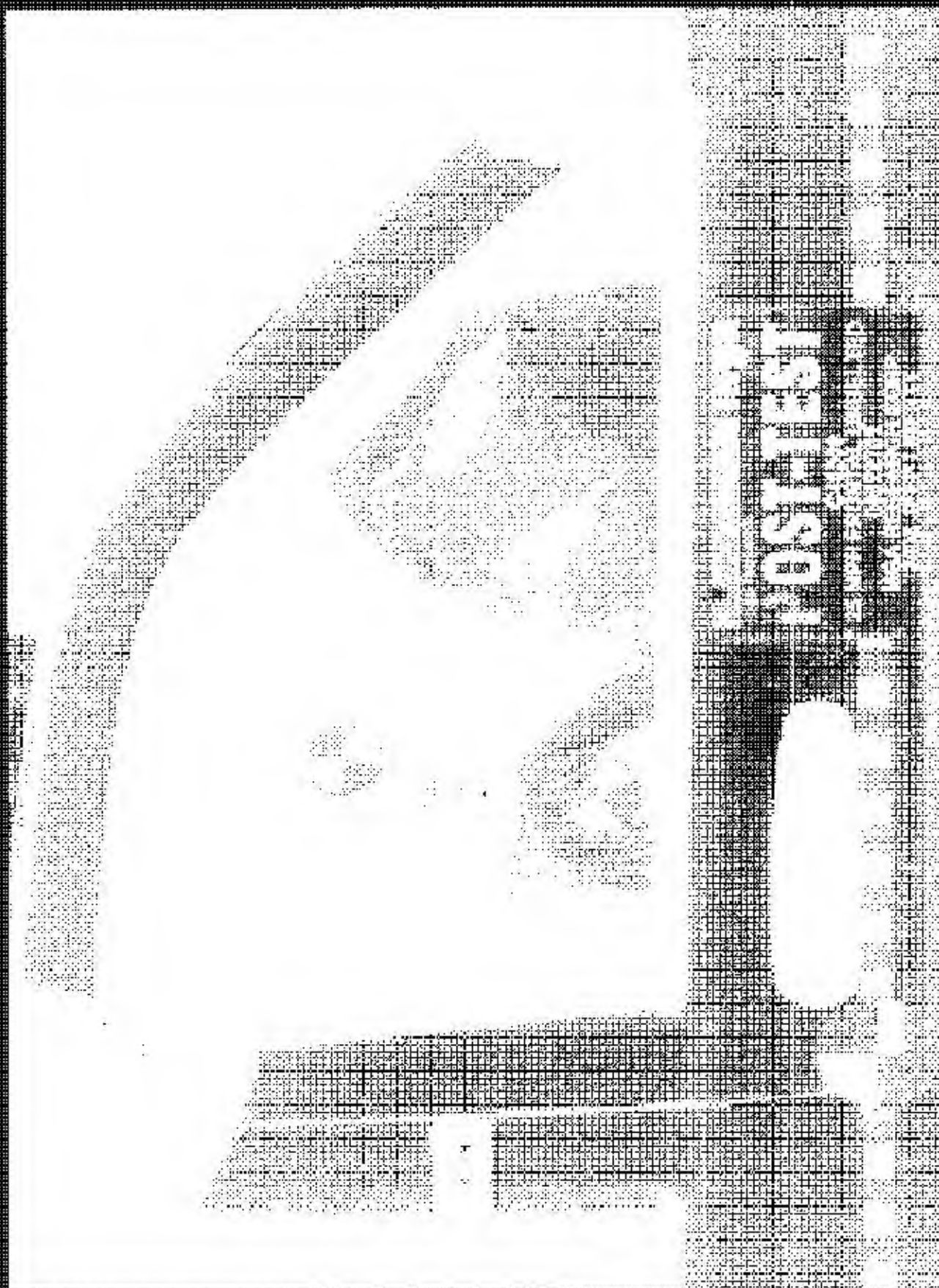


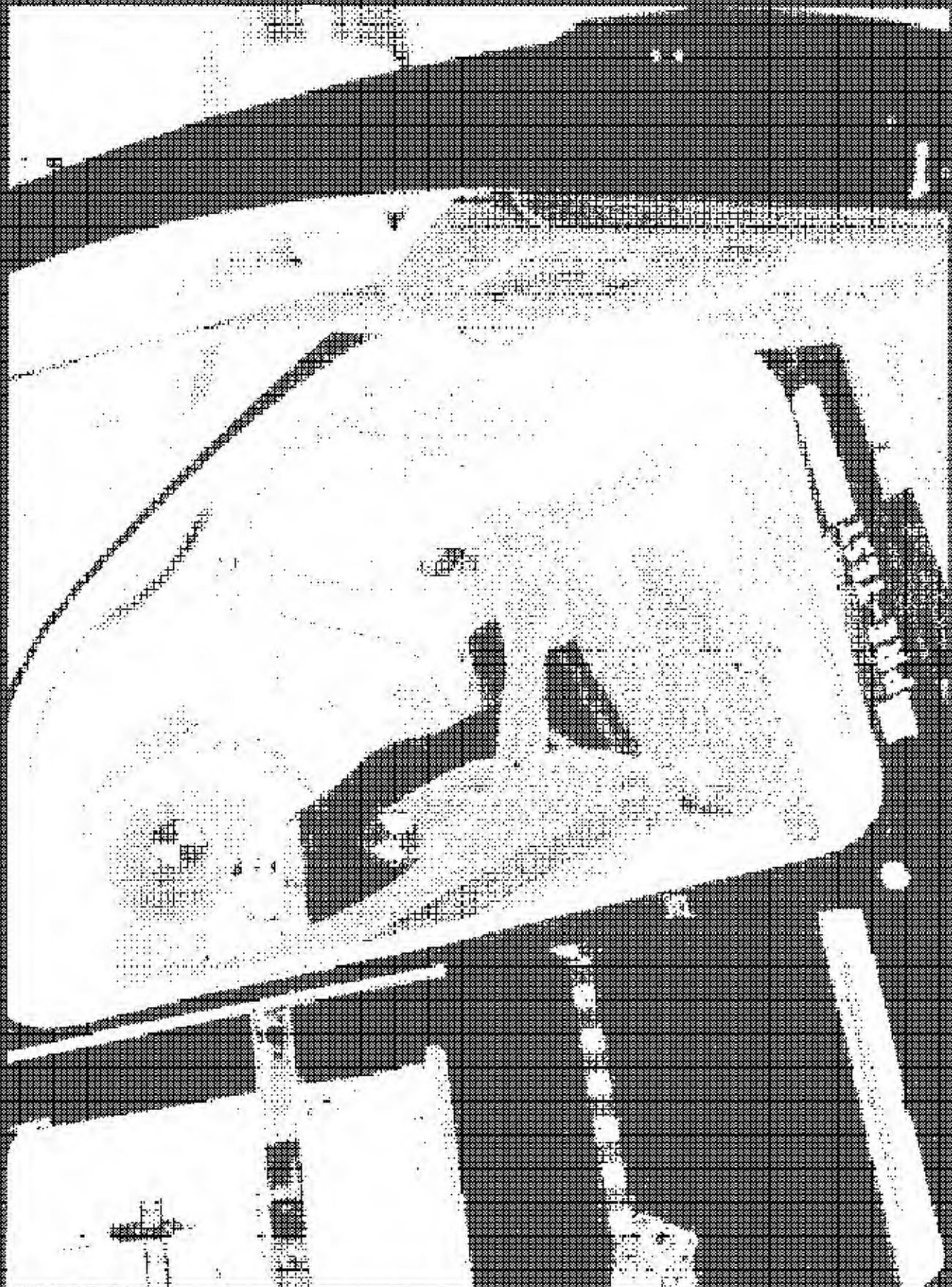
Post-Tank Passenger Dummy Front View (head position)



Pre-Test Passenger Dummy Position Right Side View

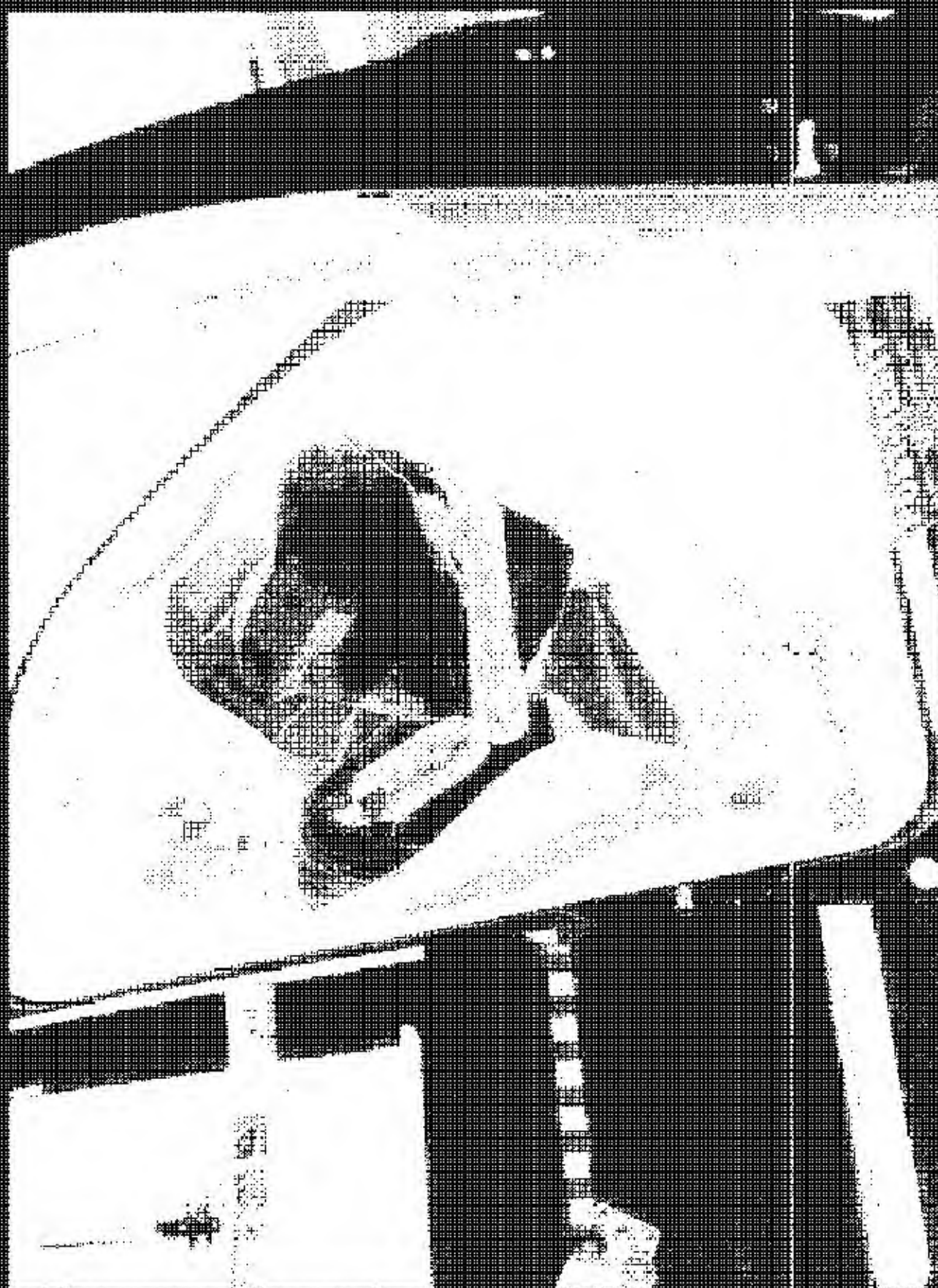
Post-Test Passenger Dummy Position Right Side View





Pre-Test Passenger Dummy Position Right Side View (Door Open)

Post-Ted Passenger Dummy Position Right Side View (Door Open)



PRE-TEST

C40349

25 MPH FRONTAL UNBELTED

04022701

NGA RESEARCH CORP.

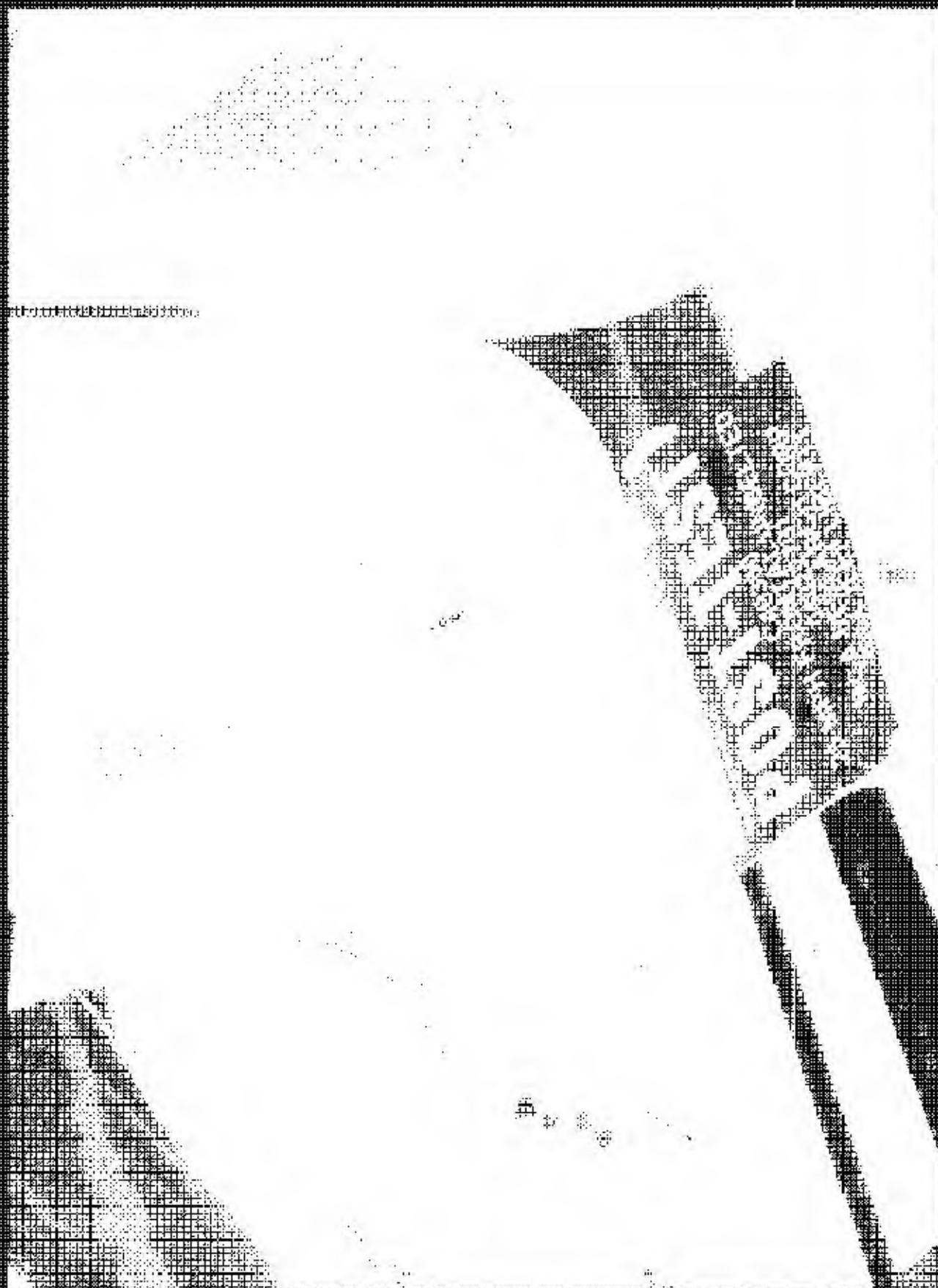
200 JEFFERSON

POSTTEST
CABIN
25 MPH FRONTAL UNBELLED
D022701
#04 RET
2014 JAN 14

Post-Test Passenger Dummy Seat Position



Pre-Test Counseling During Fall Position





Pre-Test Passenger Side Knee-Offset View



Post-Test Passenger Side Knee Bumper View



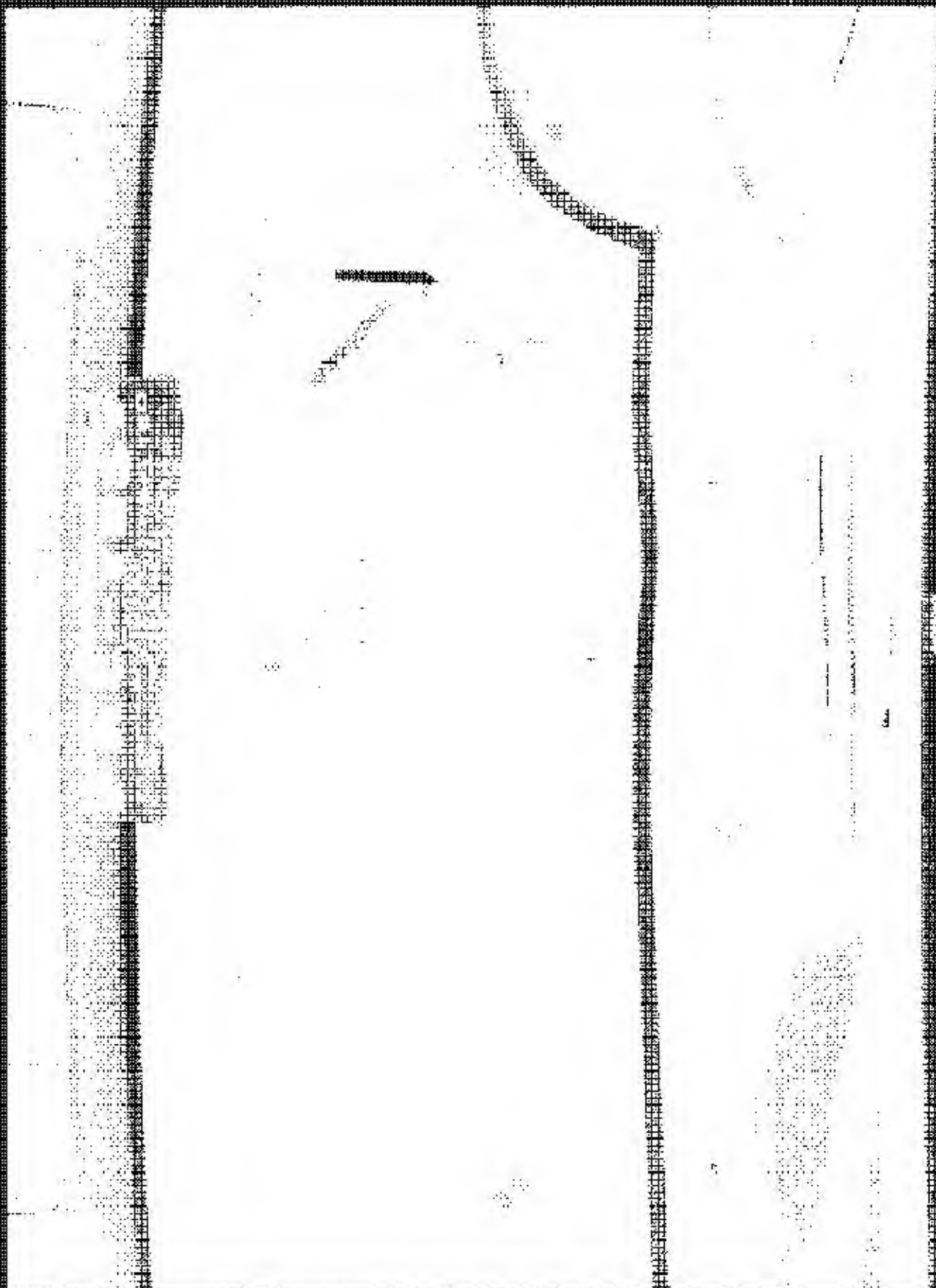
Post-Test Passenger Dummy Head Contact



Post-Test Passenger Dummy Knees Contact

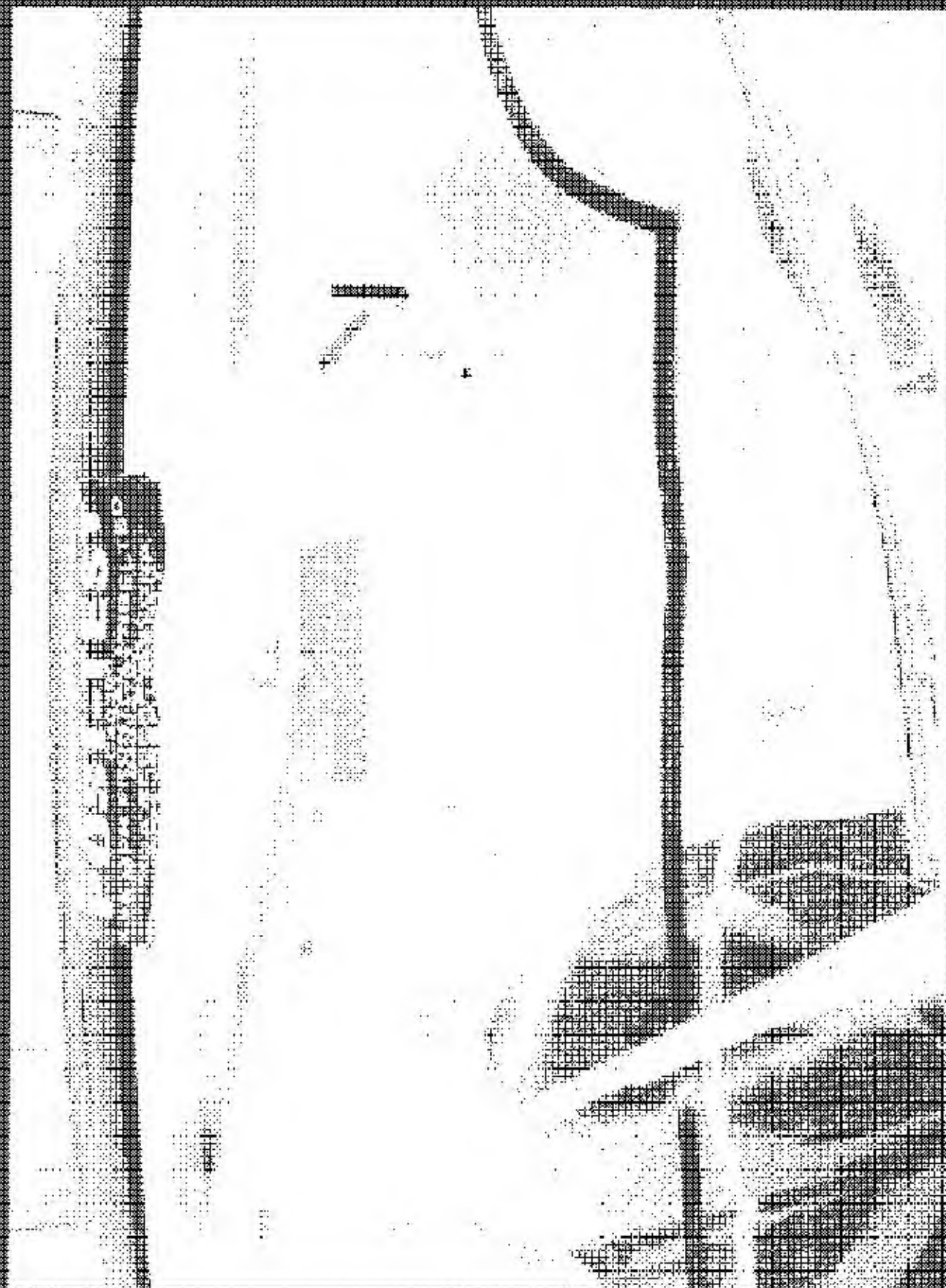


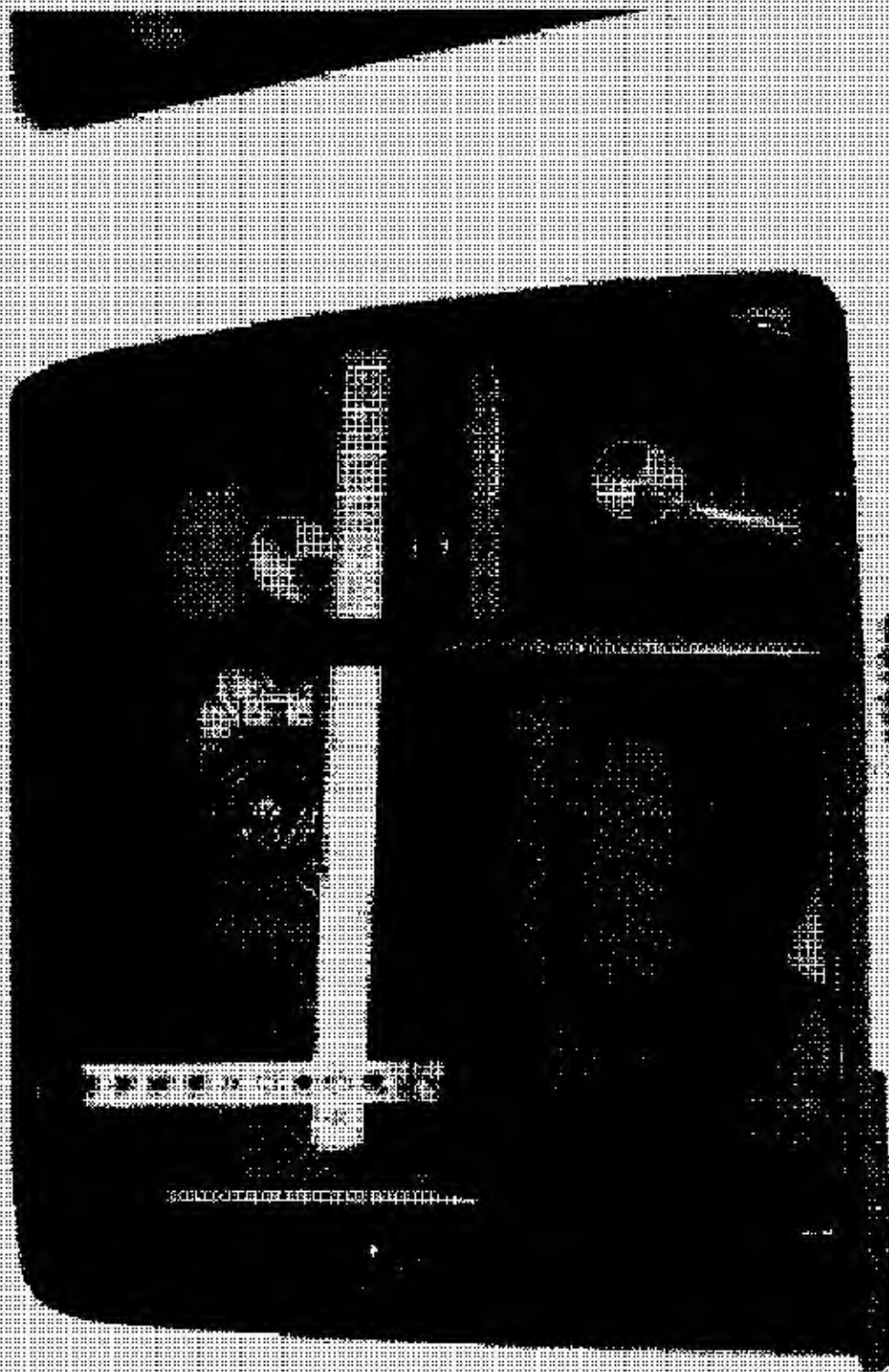
Post-Test Passenger Community Airbag Control



Pre-Test Raw Passenger Dummy Front View (near position)

Post-Test Rear Passenger Dummy Front View (head position)

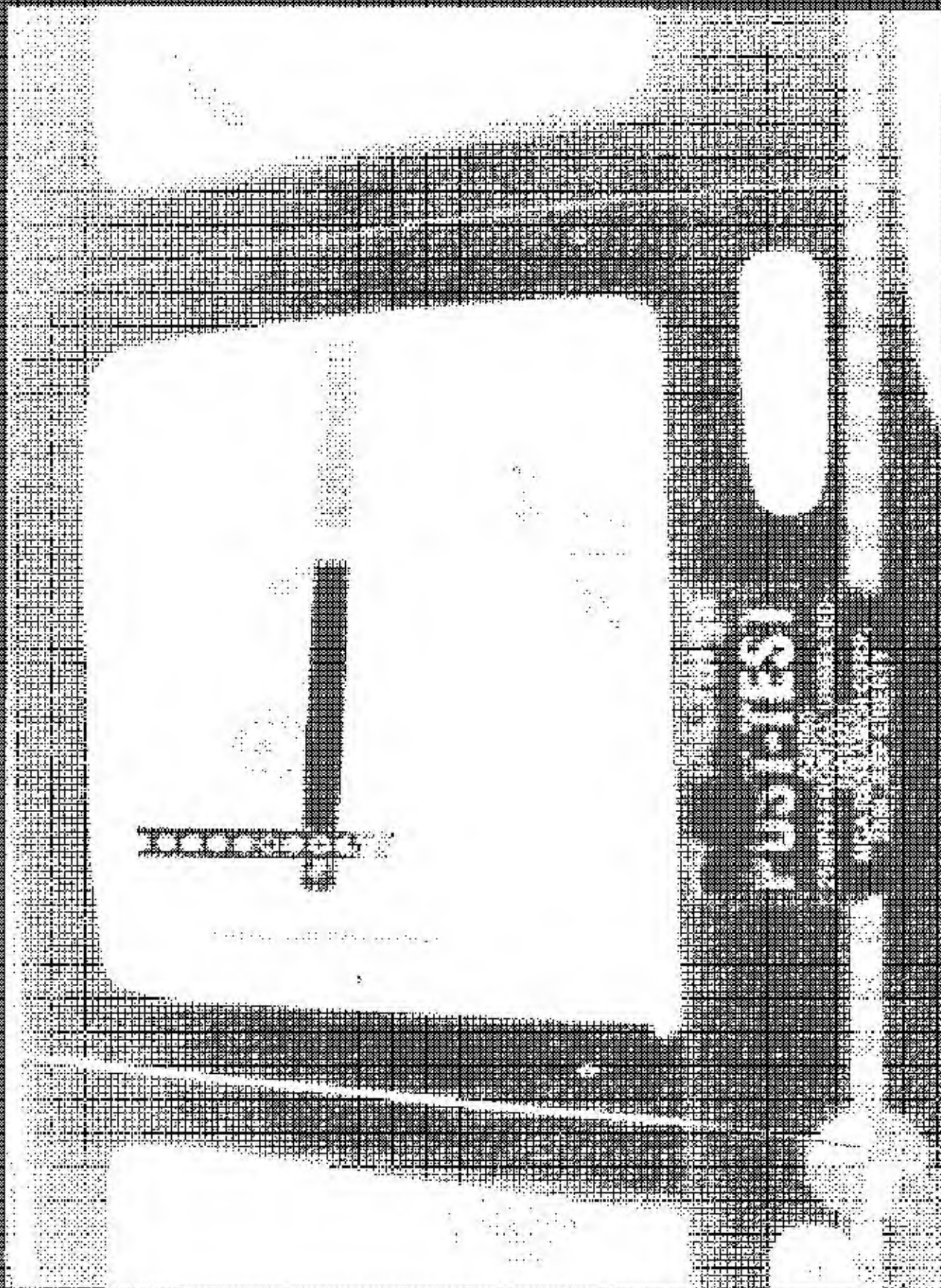




PRE-TEST

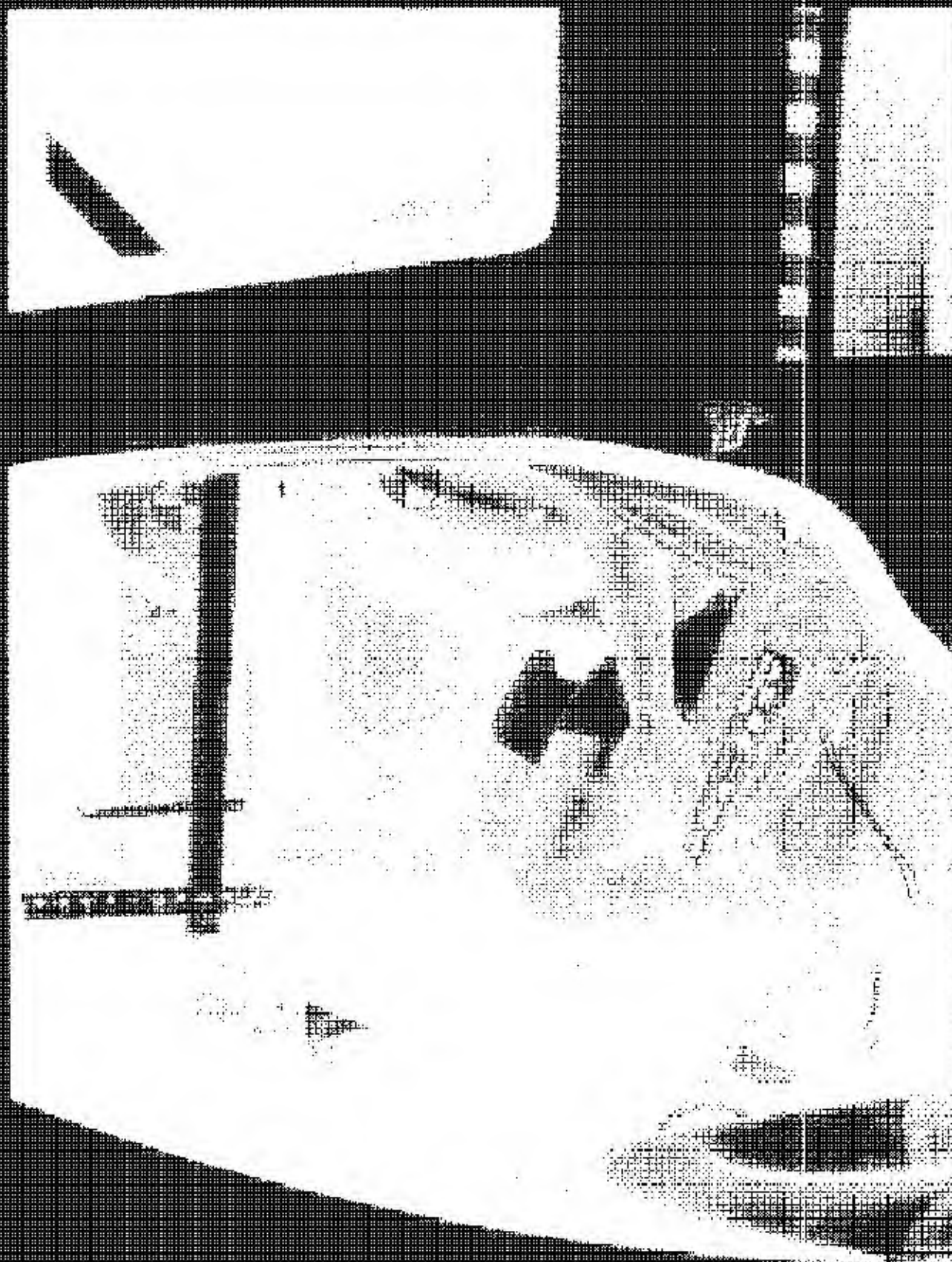


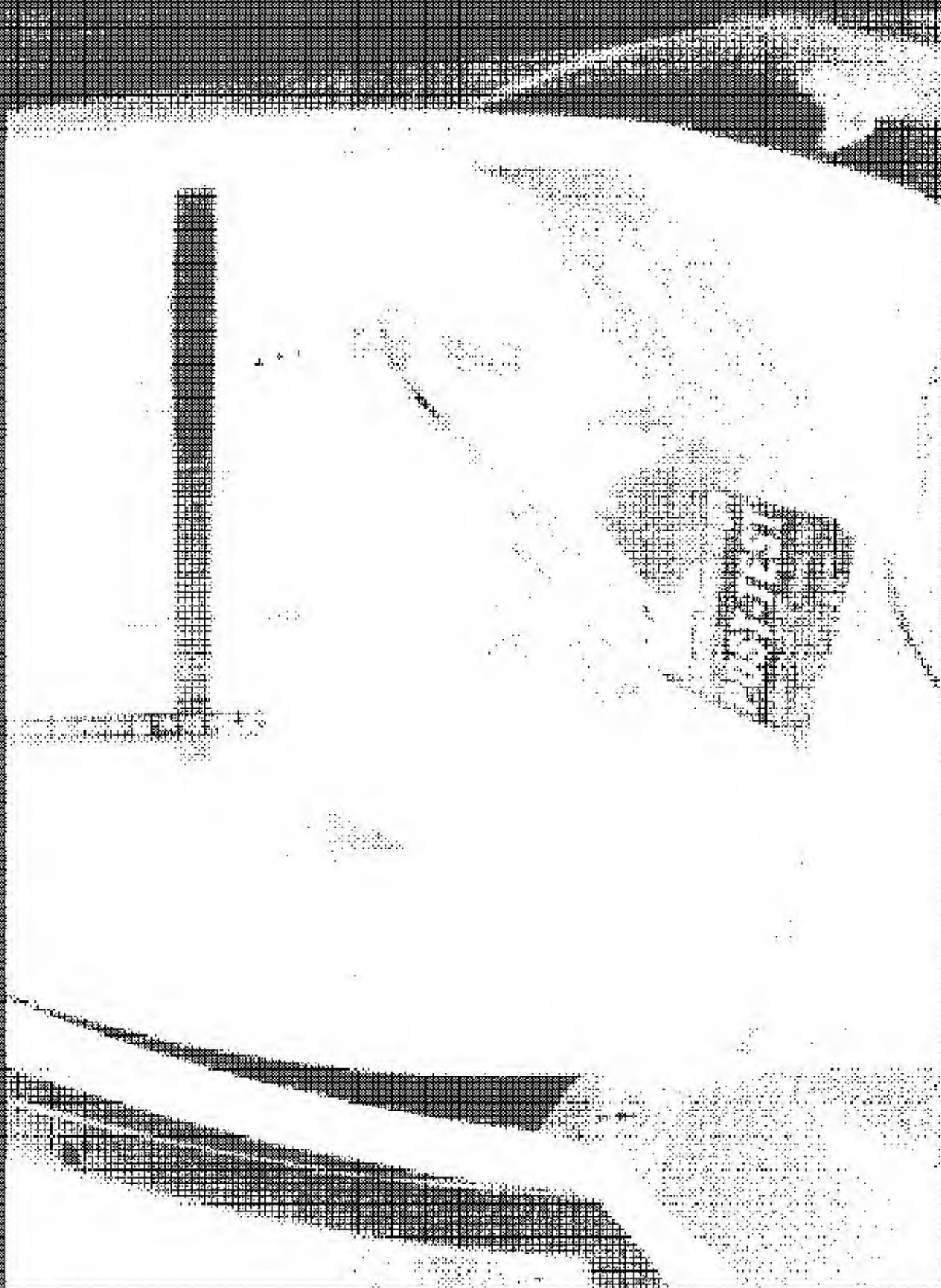
Pre-Test Rear Passenger Dummy Position Left Side View



Post-Test Rear Passenger Dummy Position Left Side View

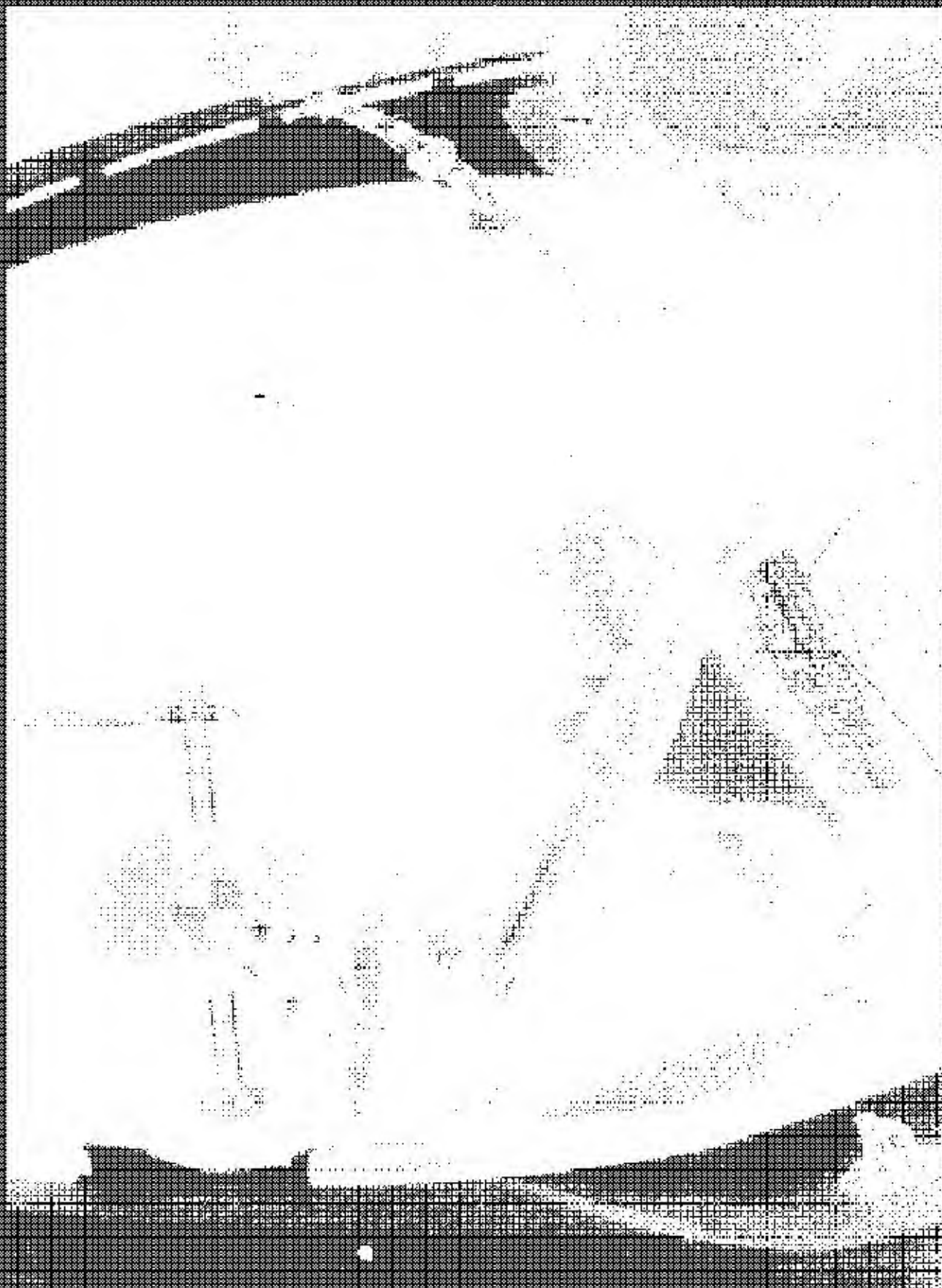
Pre-Test Rear Pass Dummy Position Left Side View (Door Open)





Post-Test Rear Pass: Dummy Position Left Side View (Door Open)

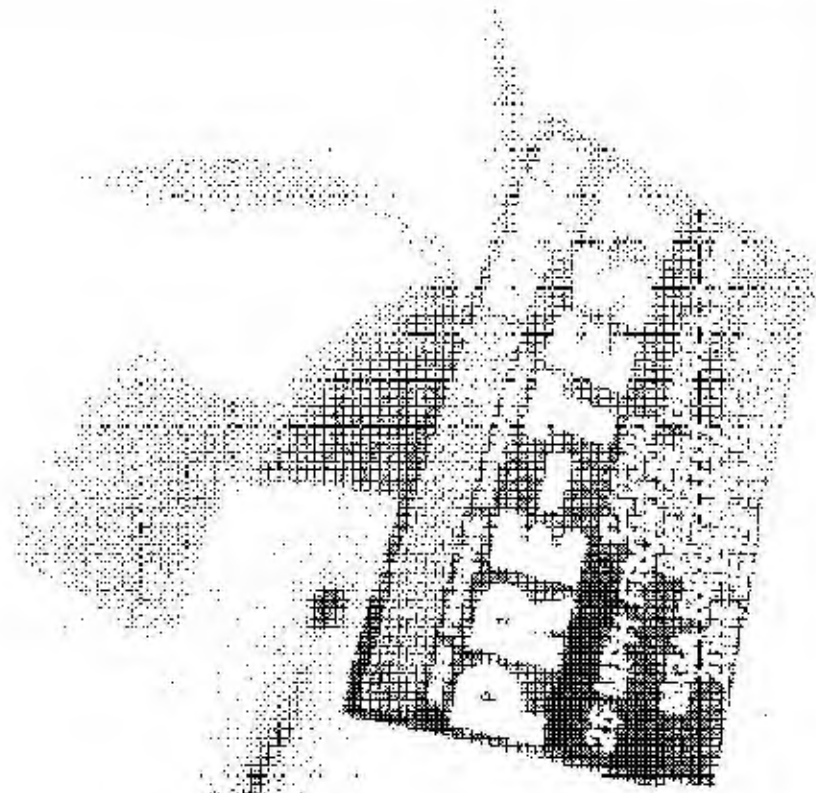
Pre-Test Rear Passenger Dummy Position Right Side View



Post-Test Rear Passenger Dummy Position Right Side View



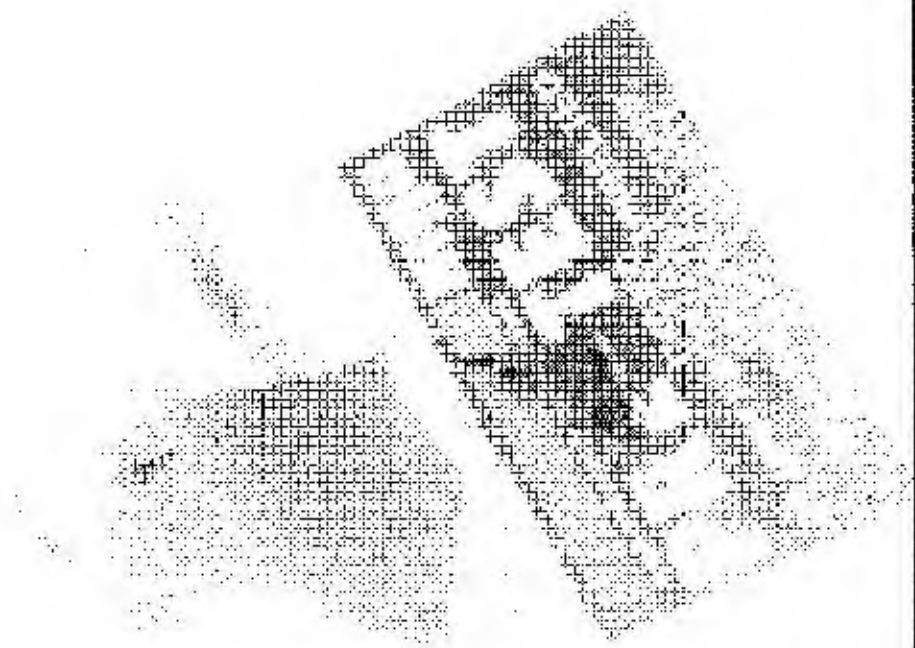
Post-Test Rear Passenger Dummy Test Position



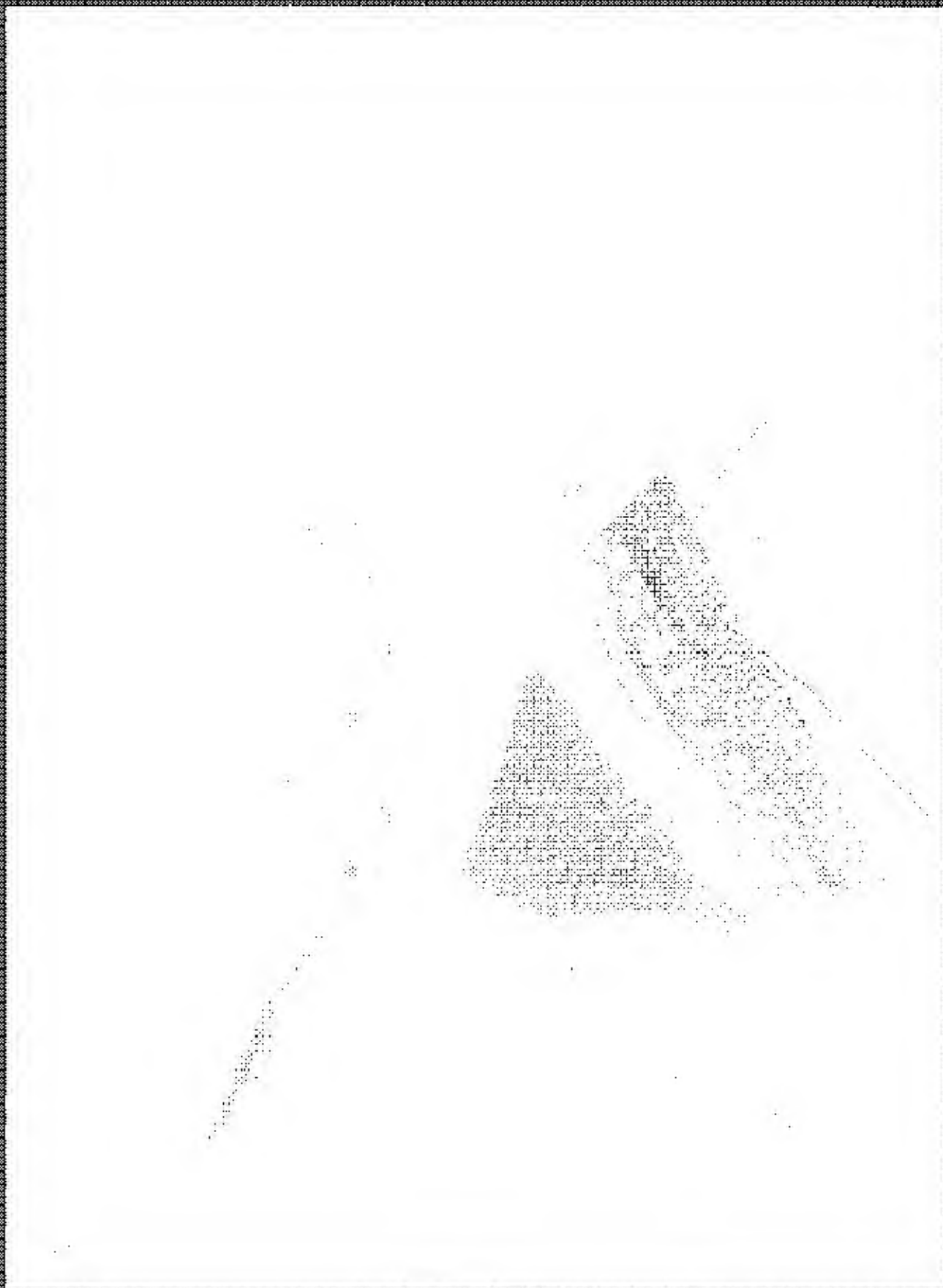
Pile-Test Rear Passenger Left Side Knee Bolster View



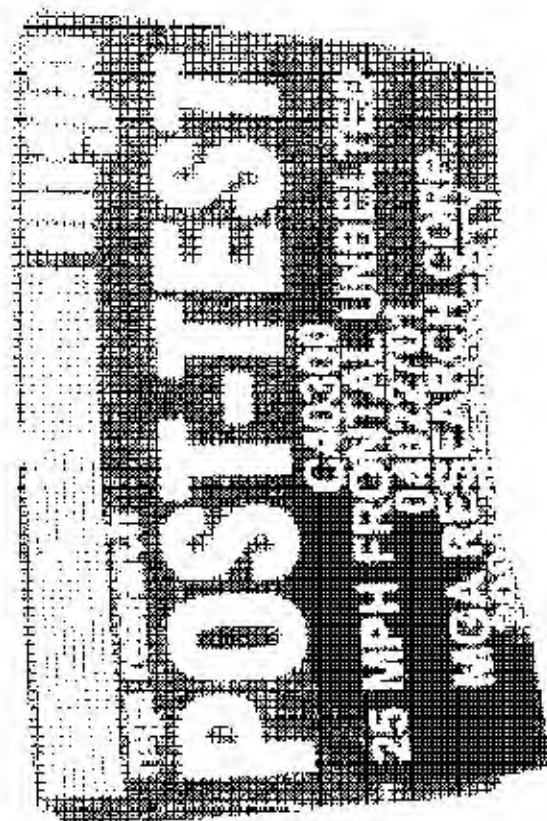
Post-Test Rear Passenger Left Side Knee Bolster View



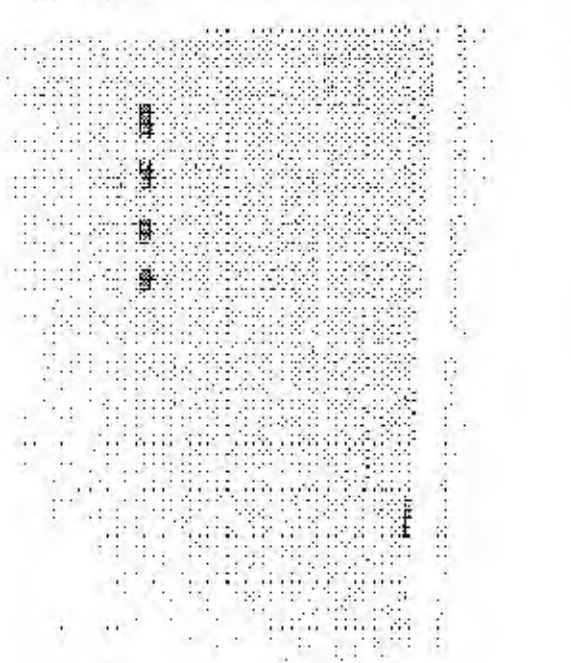
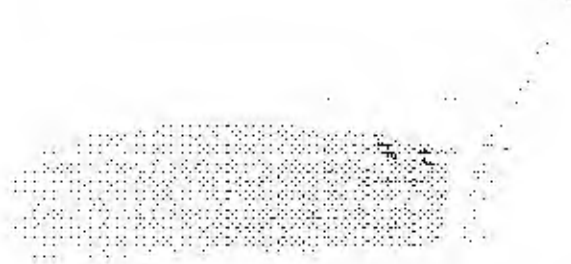
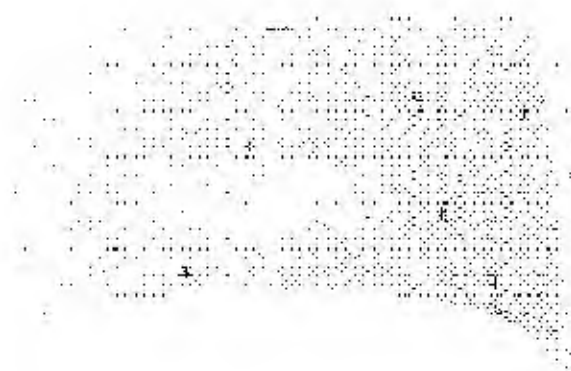
Pre-Test Rear Passenger Right Side Knee Bolster View

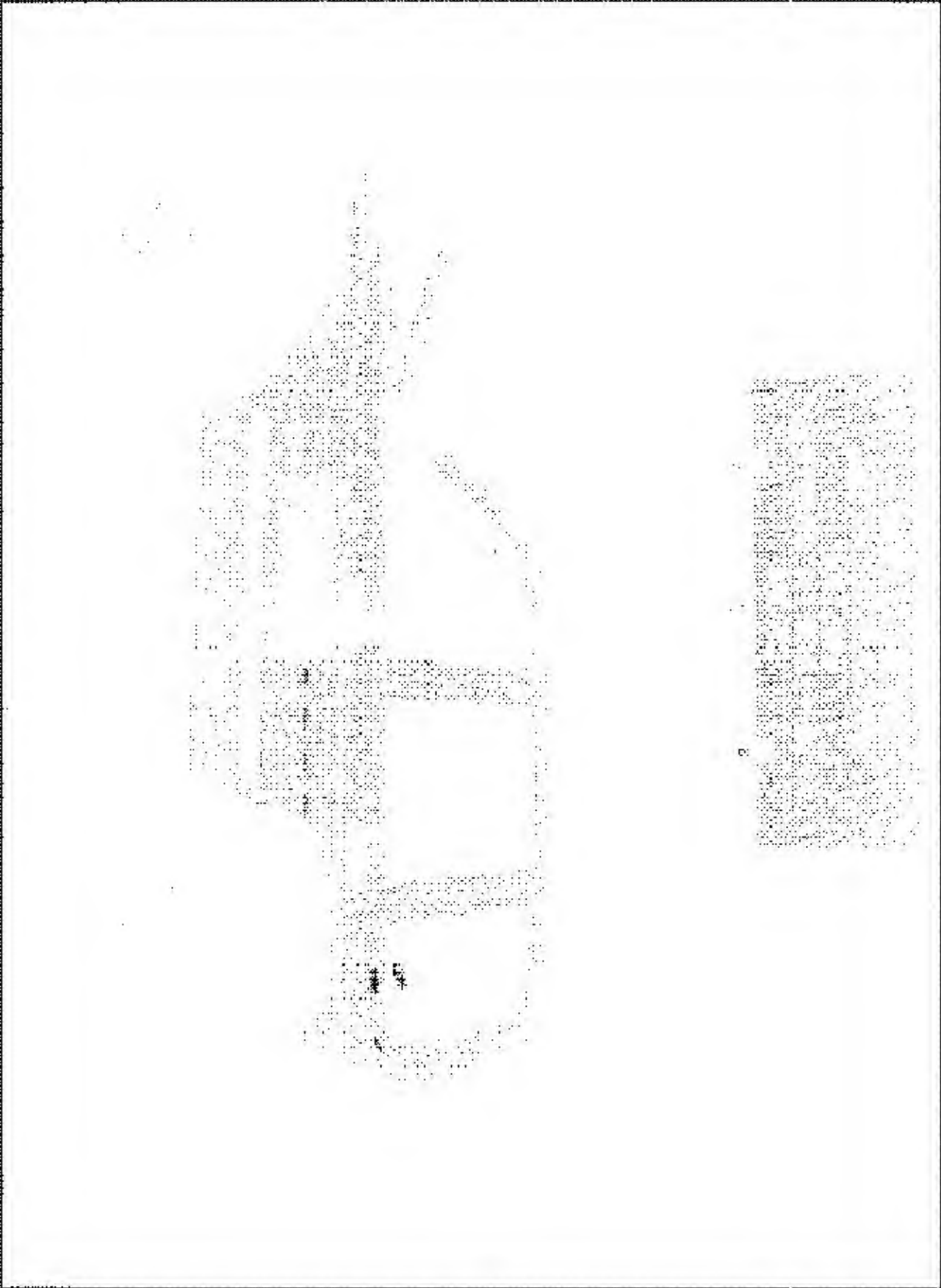


Post Test Rear Passenger Right Side Knee Bolster View

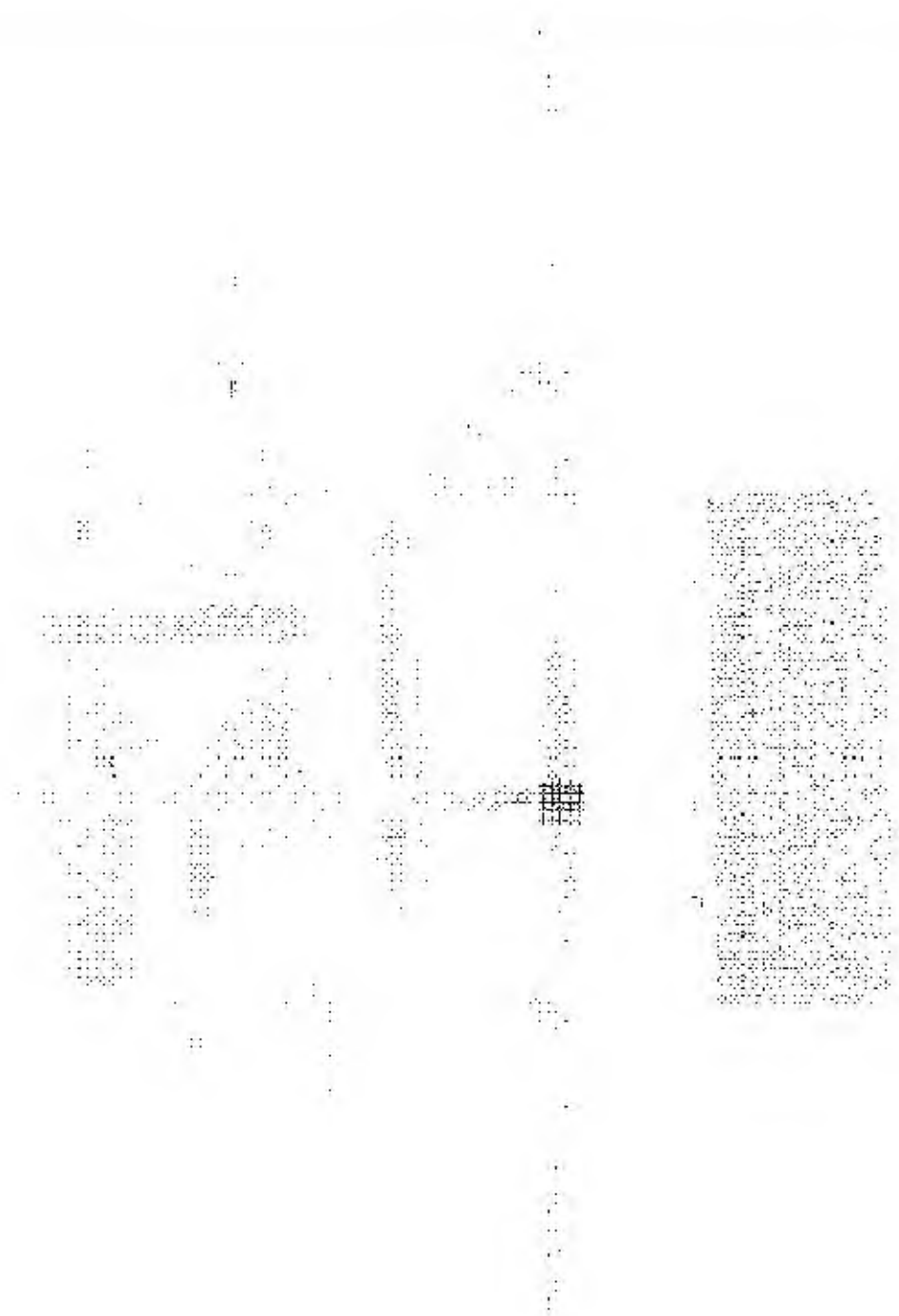


Post-Test Rear Passenger or Dummy Knee Control



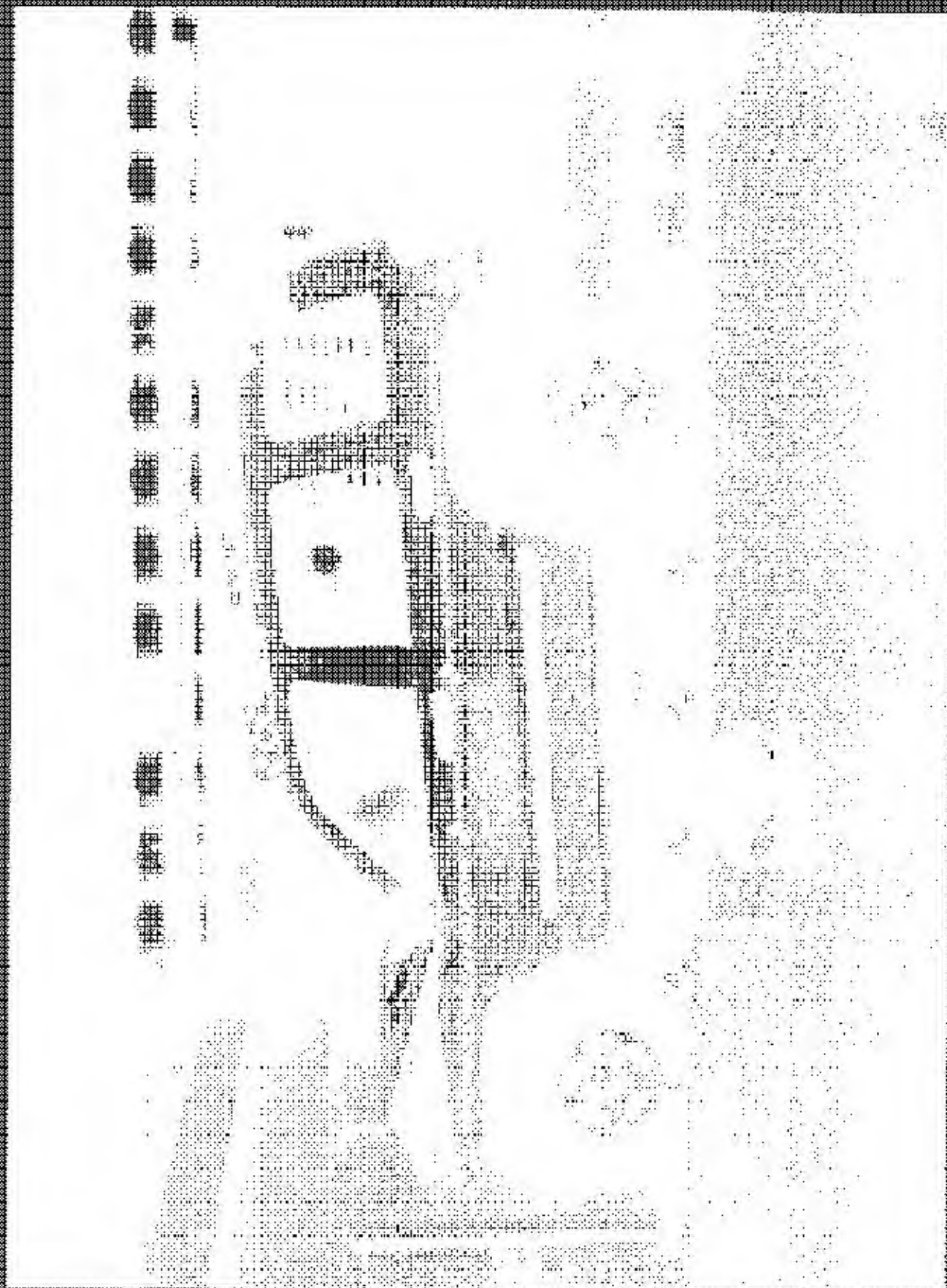


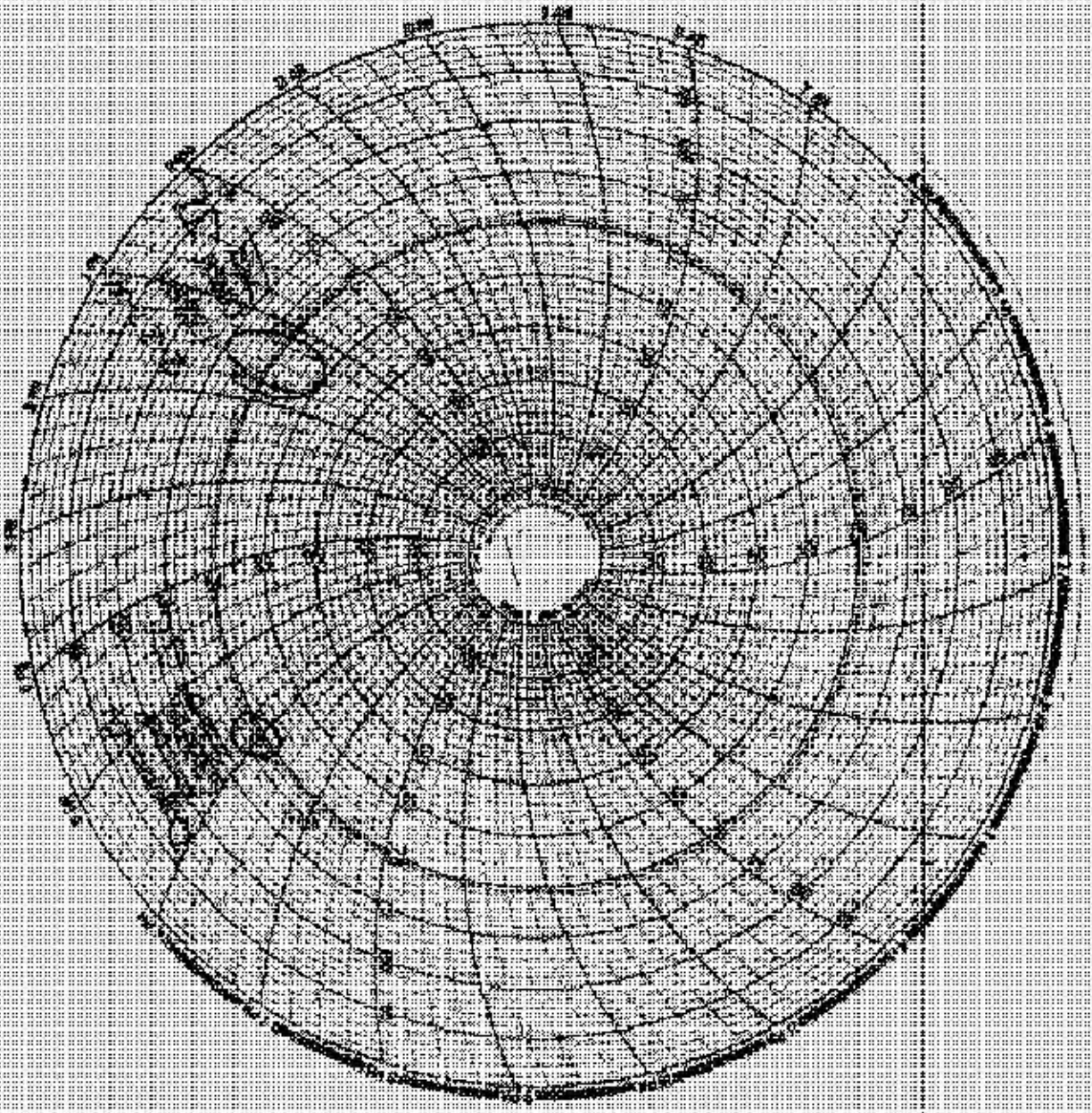
Recover 180 Degrees



Roll-over 270 Degrees

Roll over 360 Degrees





Temperature Plot

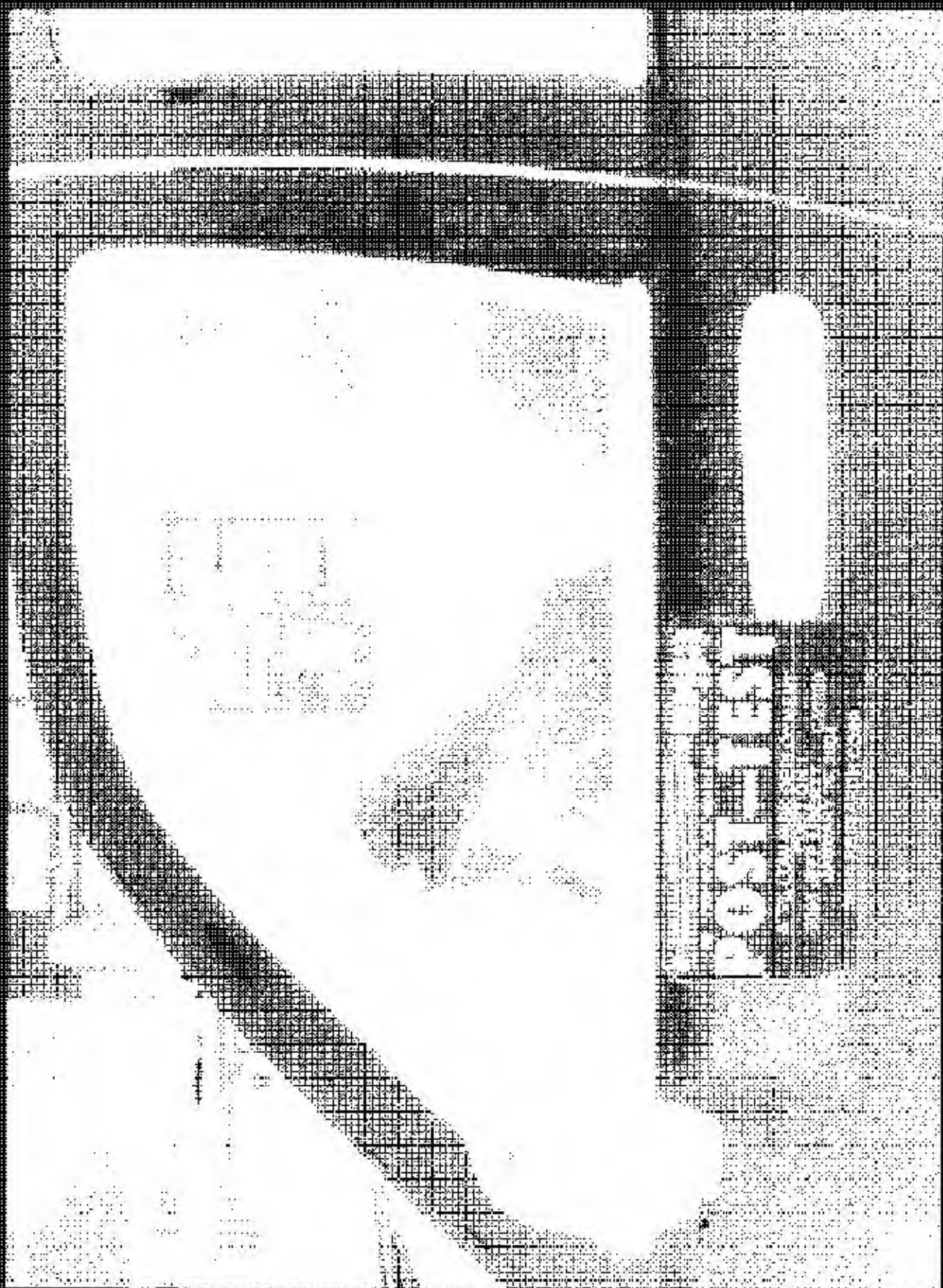
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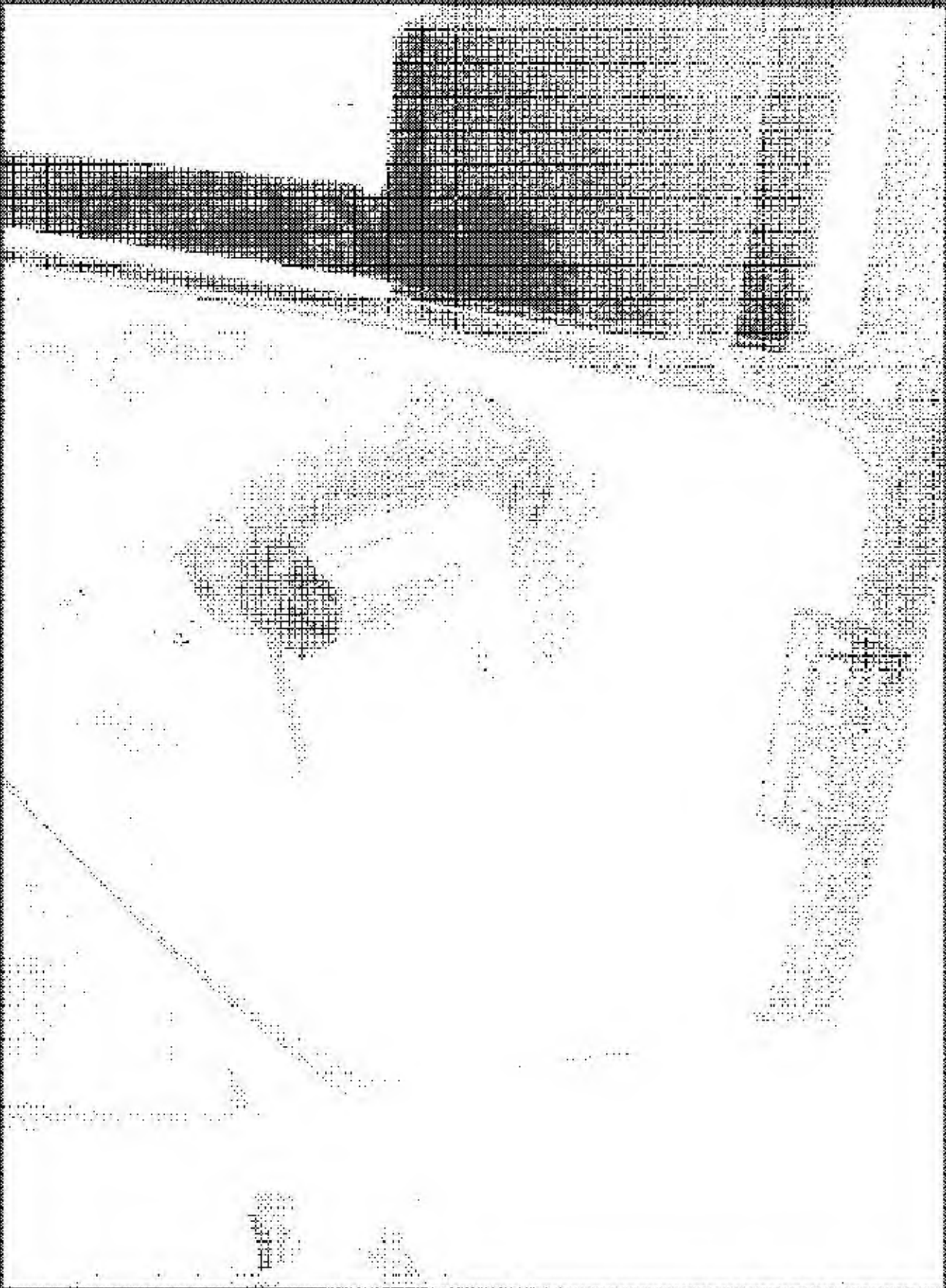
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Pre-Test 5th Form. Pt. Driver During Left Side View

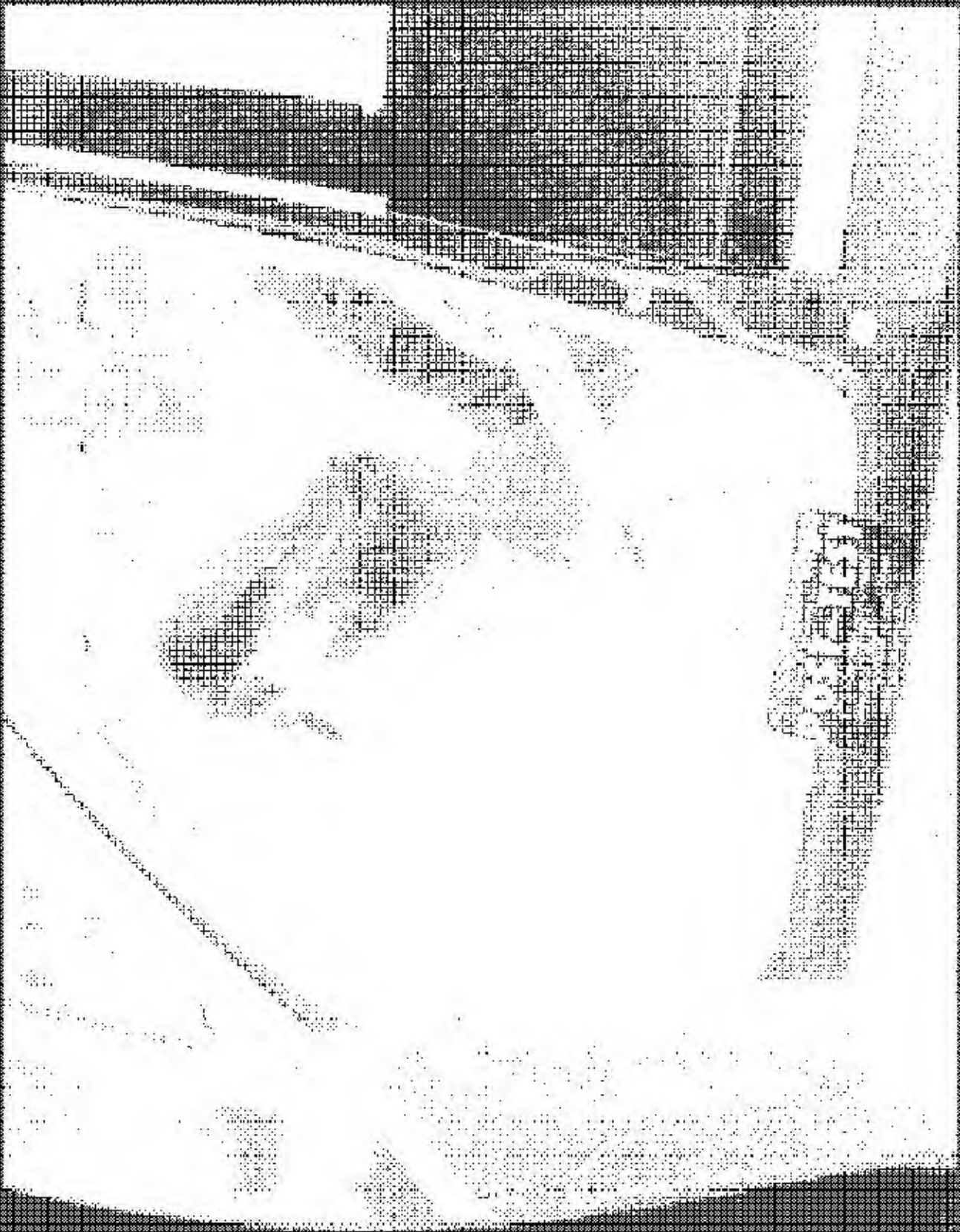


Post-Test 5th Fern P1 Driver Dummy Left Side View



Pre-Fuel 5th Floor, P-1 Driver Dummy Left Side View (Door Open)

Pre-Test 5th Feb. P1 Driver Dummy Left Side View (Door Open, Closeup)



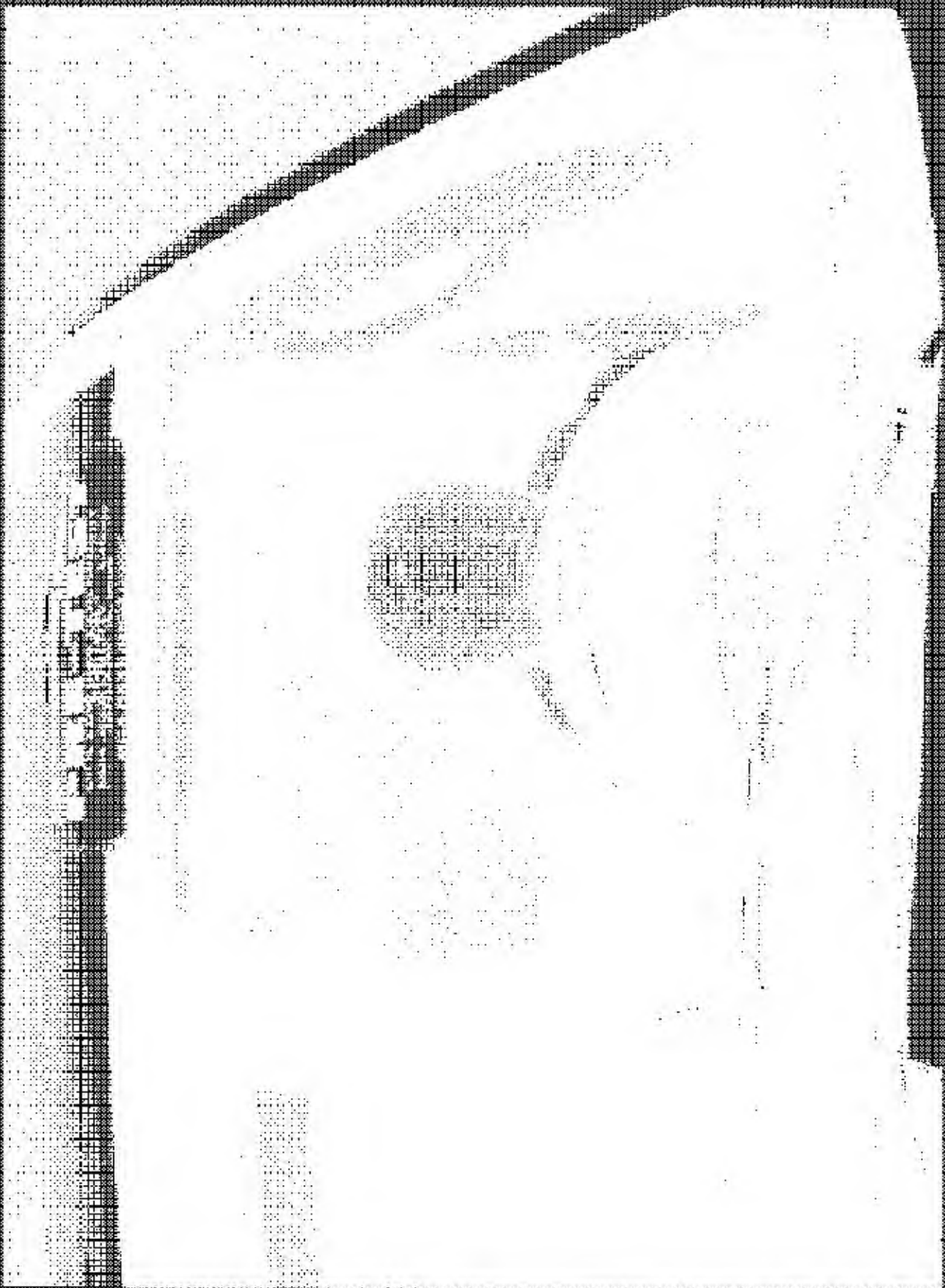
Post-Test 5th Fam. P4 Dinar Dummy Left Side View (Door Open)

Pre-Test 5th Fam. Pt. Driver Dummy Right Side View (Door Open)

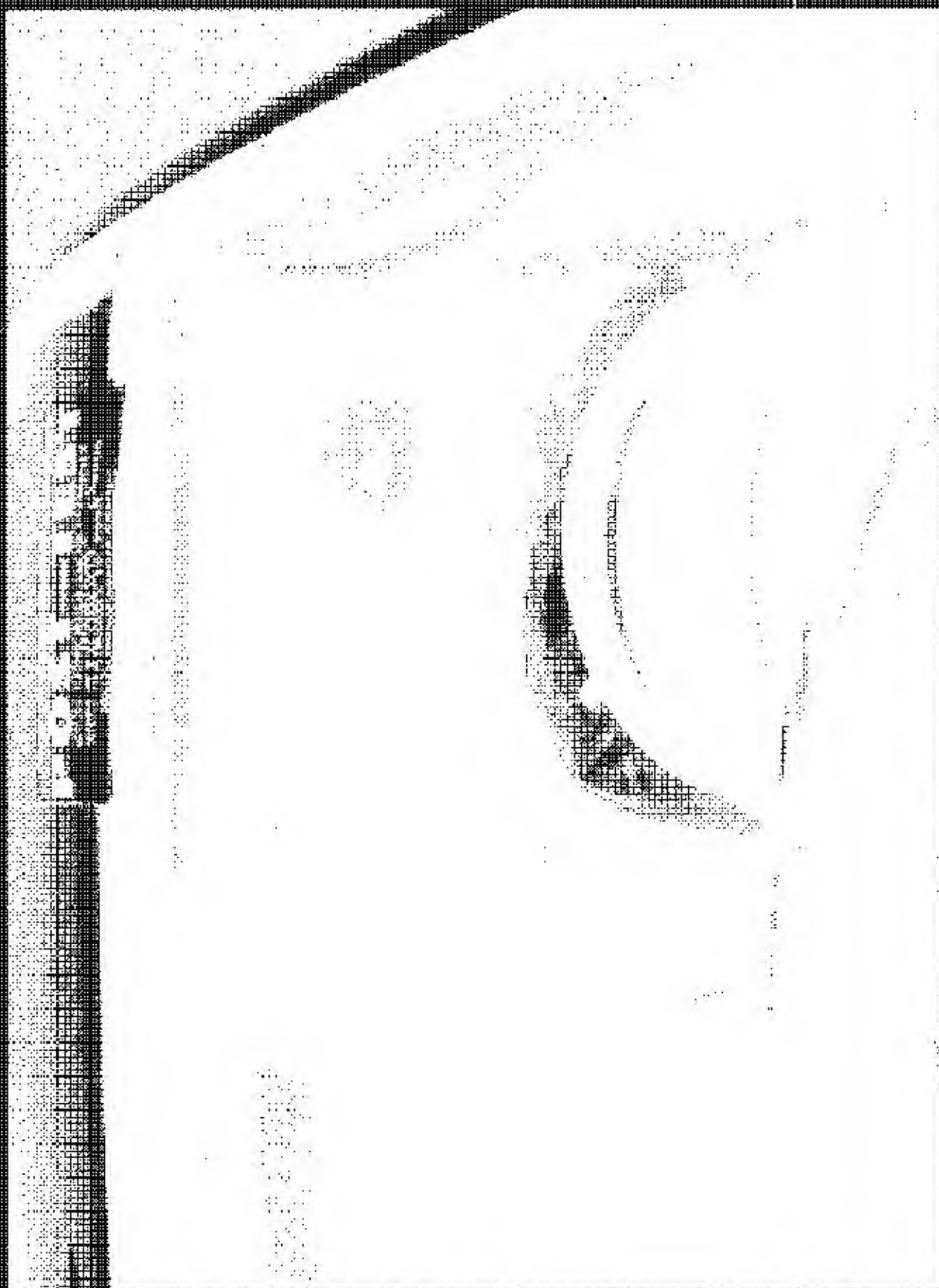


Pre-Test 5th Floor P1 Diner Dining Right Side View (Door Open, Cleanup)

Post-Test 5th Fan, P1 Driver Dummy Right Side View (Door Open)



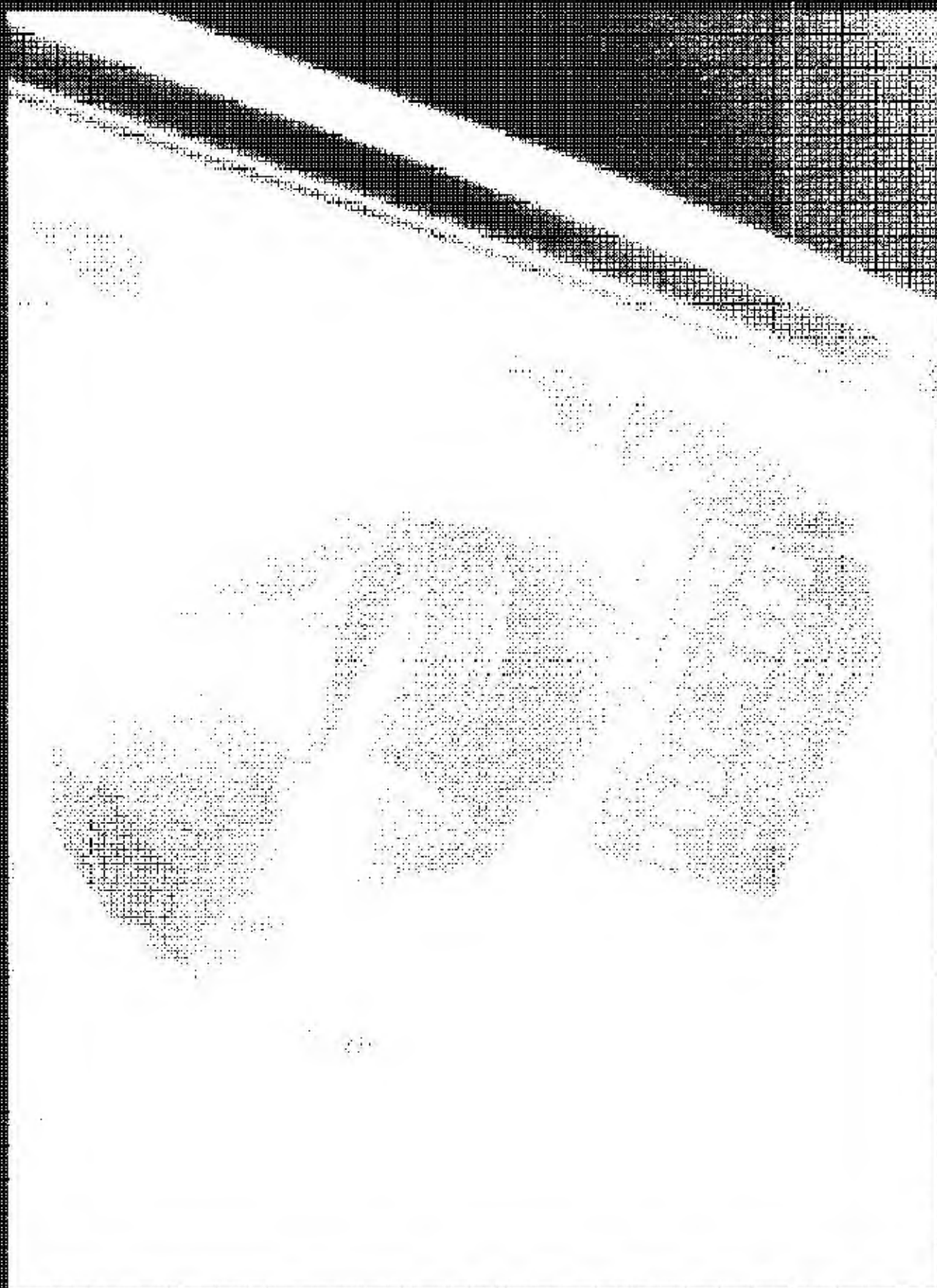
Pre-Test 5th Fem. Pt 1 Diver Dummy Front Head Position View

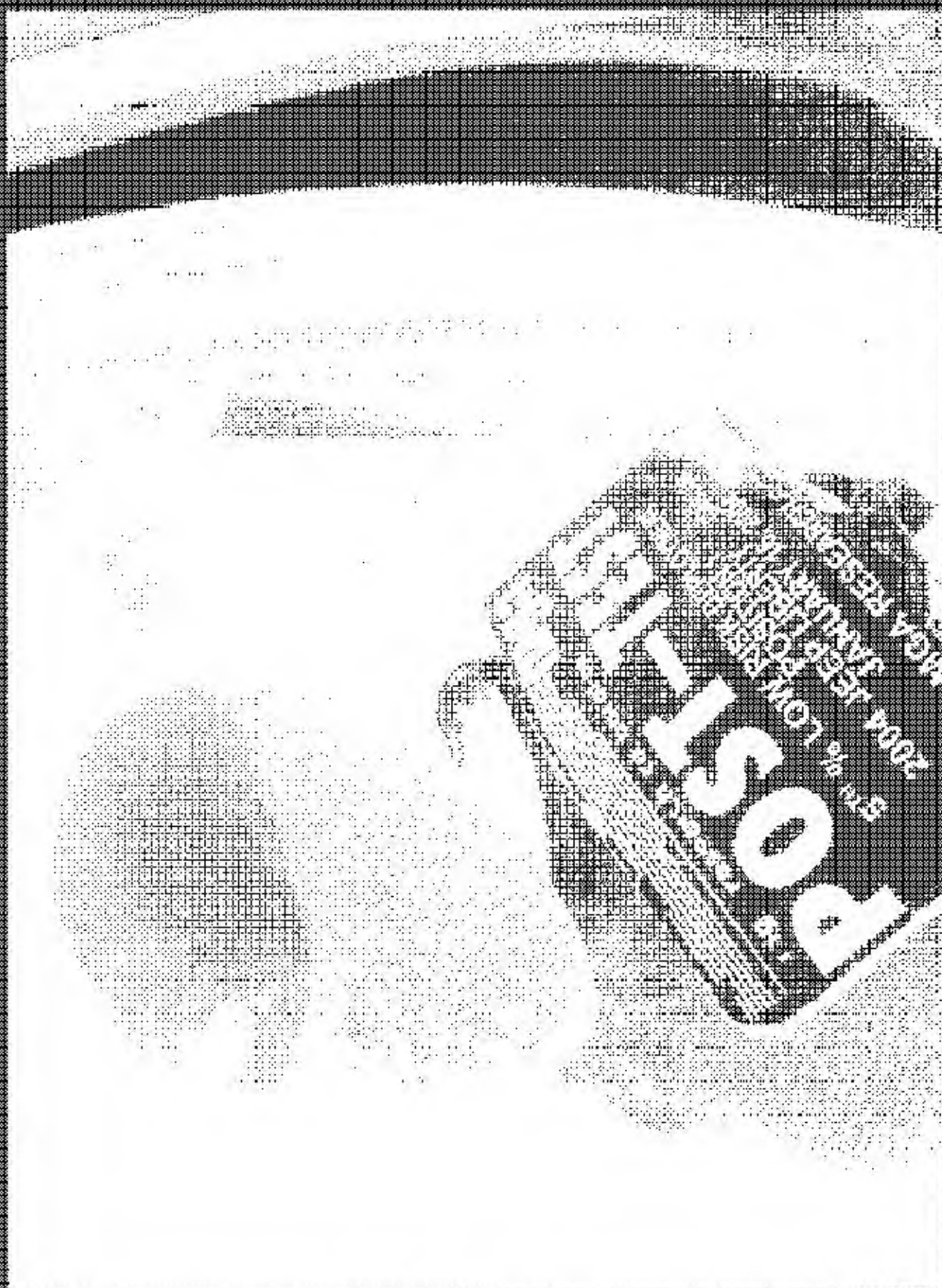


Post-Test 5th Fam. P1 Driver Dummy Front Head Position View

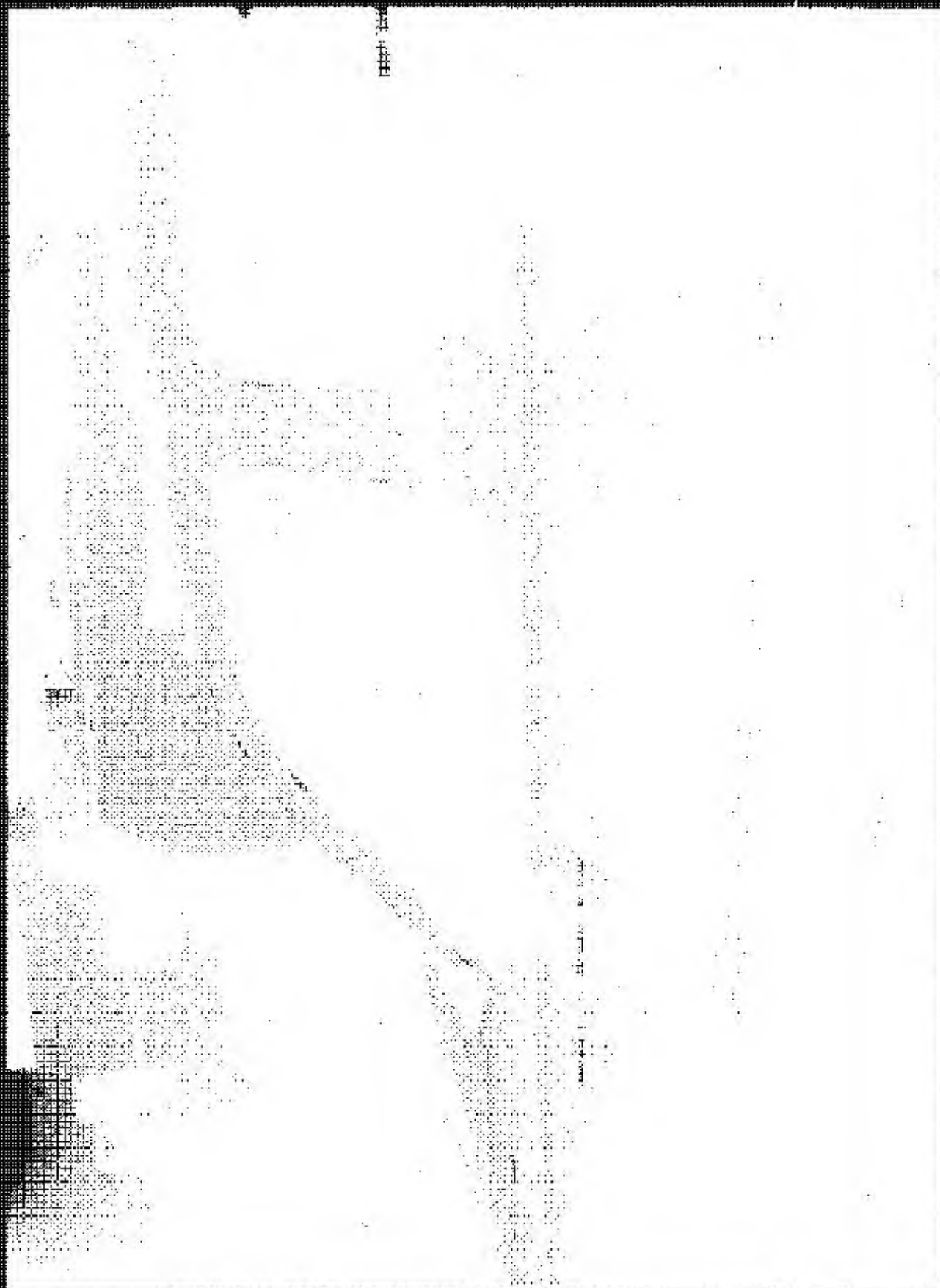


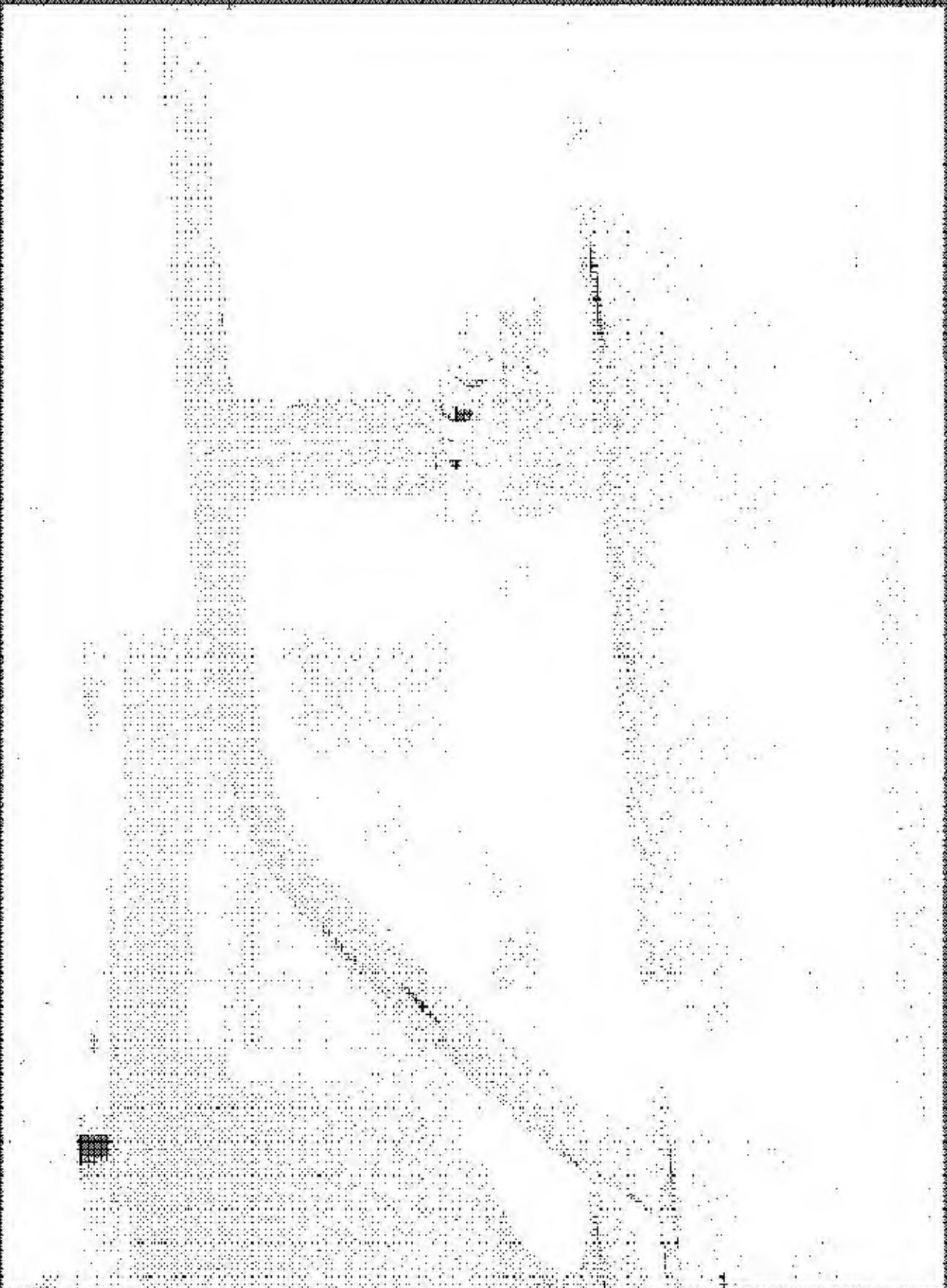
Pre-Test 5th Fem. P1 Driver Dummy Head and Airbag Position View





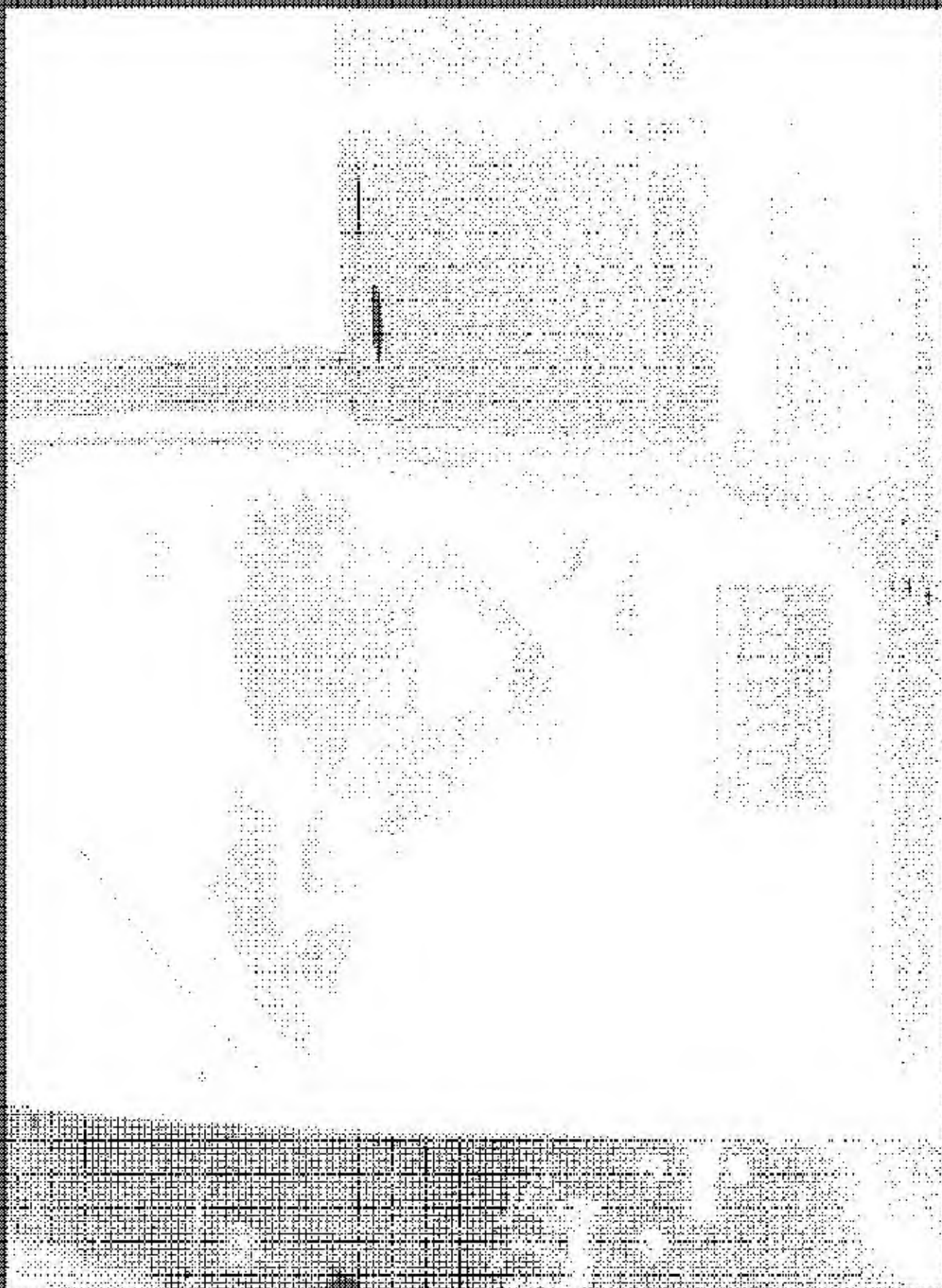
Post-I test 6th Jan. P1 Driver Dummy Head Connected View (Headrest)





Post-Test 5th Fem. P2 Driver Dummy Left Side View

Pie-Tast 8h Fam. P2 Driver Dummy Left Side View (Door Open)

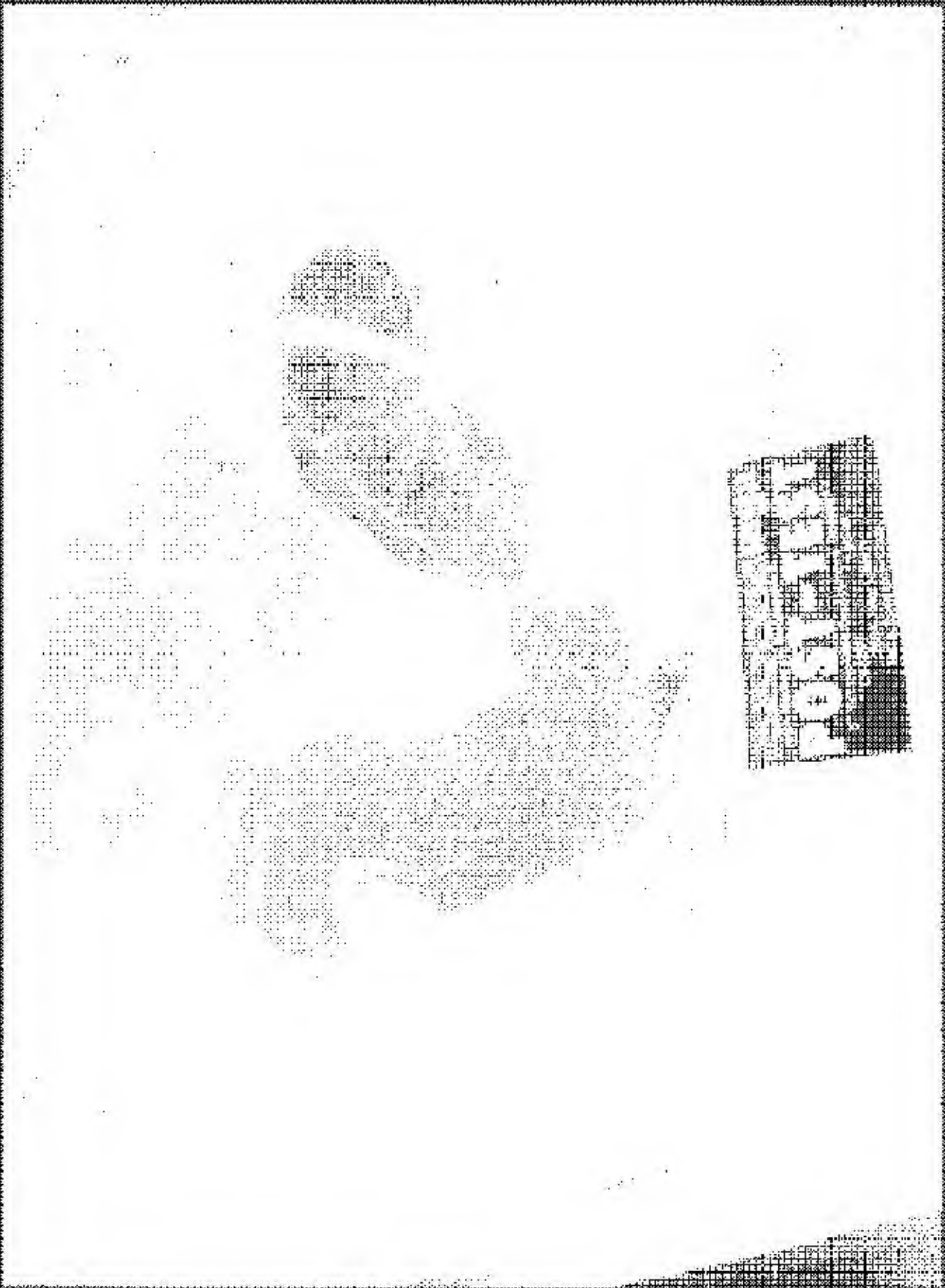


Post-Test 3th Fem. P2 Driver Dummy Let Side View (Door Open)

Pre-Tad 5th Fem P2 Driver Dummy Right Side View

Post Test 5th Feb. P2 Dives During Right Side Yawn

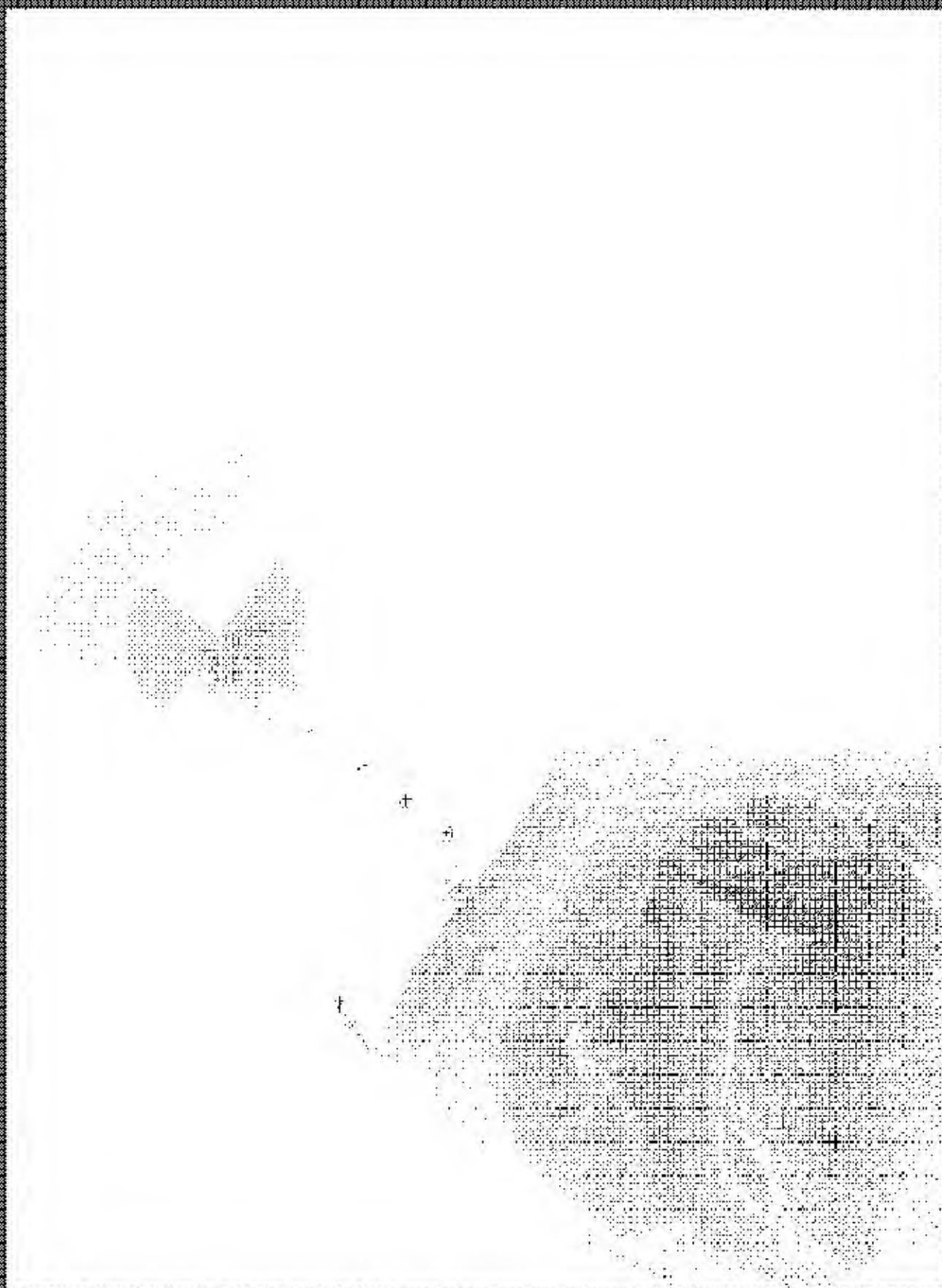
Pre-Test 3th Fam. P2 Driver Dummy Right Side View (Door Open)



Post-Test 5th Form. P2 Driver Dummy Right Side View (Door Open)

Pre-Test 6th Femo. P2 Driver Dummy Left Side Head Position View



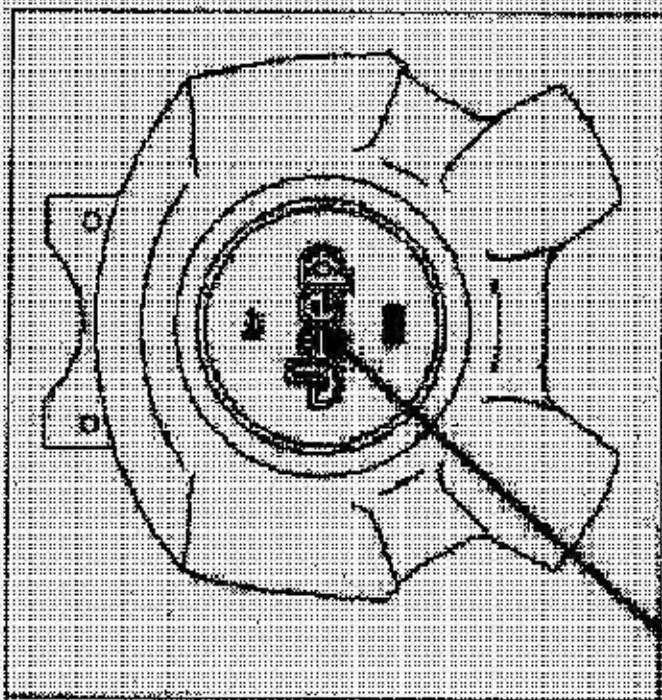


Pre-Test 5th Fem. P2 Driver Dummy Right Side Head Position View





Post-Test Side View, P2 Driver Dummy and Airbag View



This geometric center of the vehicle is located at the intersection of the front and rear suspension arms.

Jeep Liberty (2004)

Geometric Center (2004 Jeep Liberty)

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DOT/NHTSA 2008 Supervision Test - 2004 Jeep Liberty (CA0300)

Newborn

Section A

Car Bed



Cosco Dream Ride Car Bed With Belt Middle Seat Track



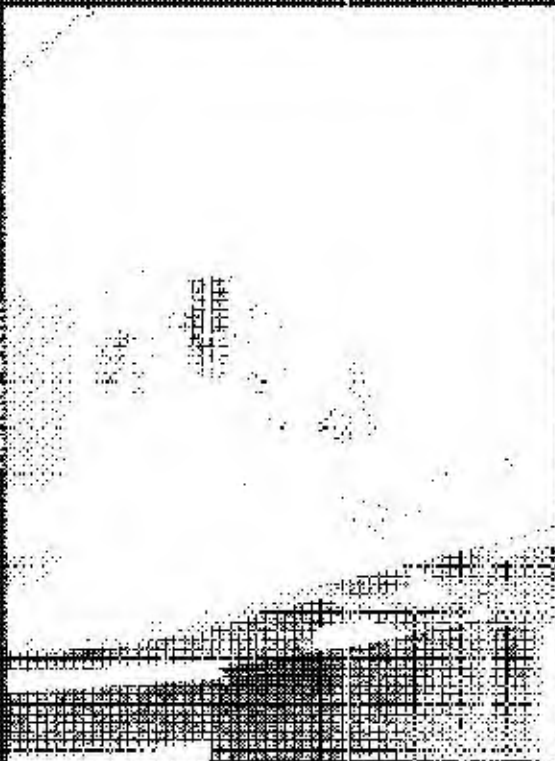
Cosco Dream Ride Car Bed With Belt Middle Seat Track
2nd View



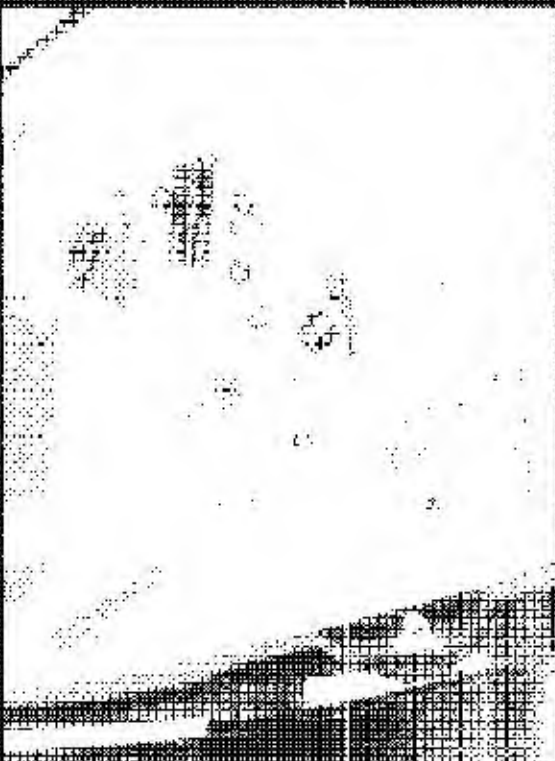
Brake Handle With Gate With Belt Forward Seat Track
Handle Down



Brake Handle With Gate With Belt Forward Seat Track
Handle Down



Brake Handle With Gate With Belt, Rearward Seat Track
Handle Down



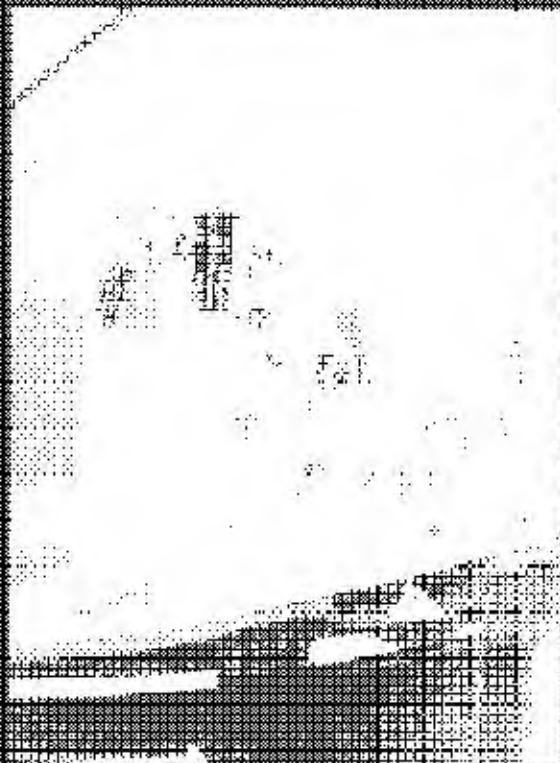
Brake Handle With Gate Unlatched, Forward Seat Track
Handle Down

DOI/AN/PSA 2018 Suppression Fair - 2004 Jeep Liberty (C40300)

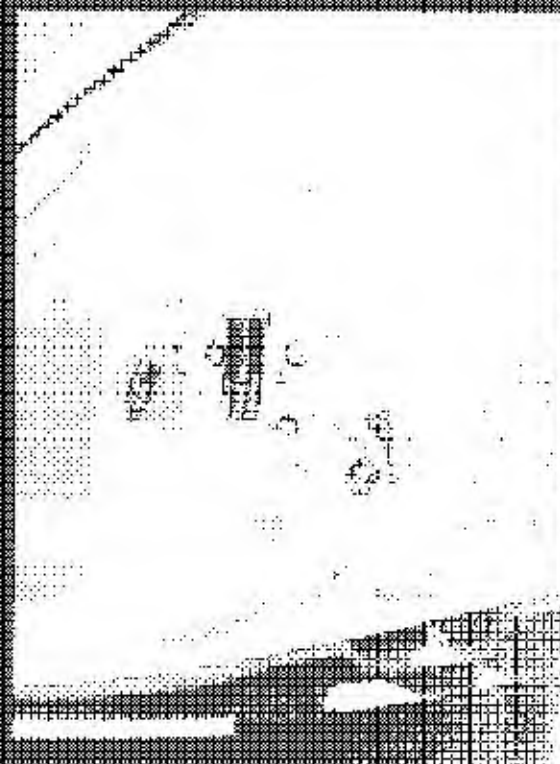
12 Month

Sealbot B

Rear Facing CRS



Front Handle With Cane Unlabeled, Middle Seat Track Handle Down



Brax Handle With Cane Unlabeled, Rearward Seat Track Handle Down



Brax Handle With Cane Two Facing Unlabeled, Forward Seat Track Handle Down



Brax Handle With Cane Two Facing Unlabeled, Middle Seat Track Handle Down

DOT/NHTSA 208 Suppression Test - 2004 Jeep Liberty (C4ES0D)

12 Month

Section B

Rear Facing CRS



Entax Handle With Cams Forward Facing Unlabeled.
Rearward Seat Track Handle Down



Unlabeled 5th Percentile Female Restraint Seat.
Rearward Seat Track

DOT/FAH/TS&A 2000 Suppressor Head - 2000 Jeep Liberty (C-403300)
 12 Month

Rear Facing CHS

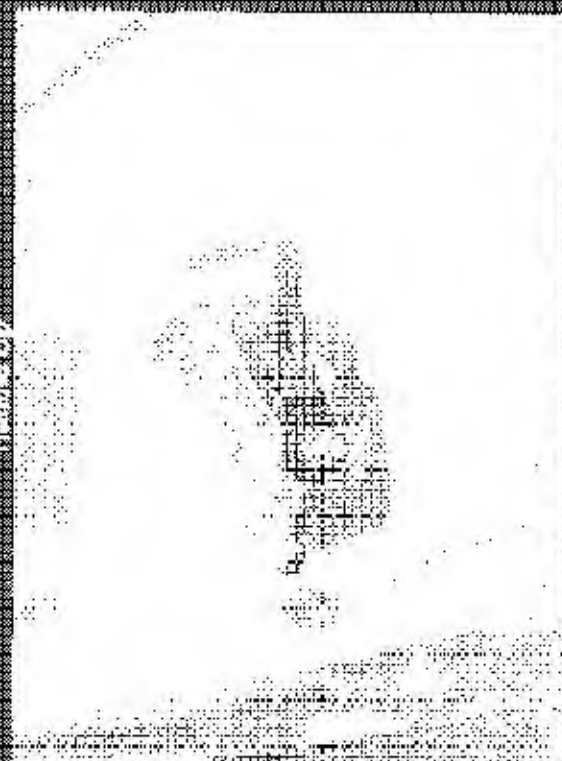
Section B



Event 10 First Choice With Bolt, Forward Seat Track,
 Handle Up



Event 10 First Choice With Bolt, Middle Seat Track,
 Handle Up



Event 10 First Choice With Bolt, Rearward Seat Track,
 Handle Down



Event 10 First Choice Unbanded, Forward Seat Track,
 Handle Up

DOT/NHTSA 208 Suppression Test - 2004 Jeep Liberty (C405003)

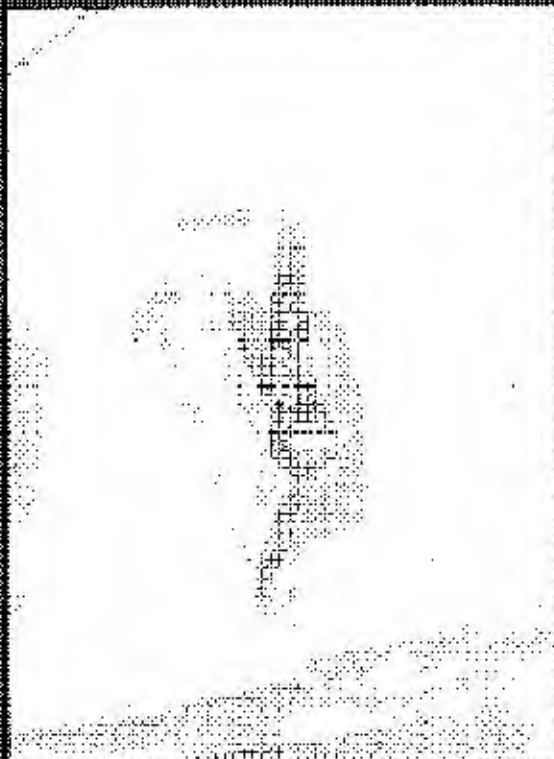
12 Month

Section B

Rear Facing CRS



Evenflo First Choice Unbelted, Middle Seat Track
Handle Up



Evenflo First Choice Unbelted, Backward Seat Track,
Handle Down



Evenflo First Choice Two Facing Unbelted, Forward Seat Track,
Handle Down



Evenflo First Choice Two Facing Unbelted, Middle Seat Track,
Handle Down

DOT/NIJ TSA 2016 Suppression Test - 2016 Jeep Liberty (C-403109)

12 March

Section B

Rear Facing CRS



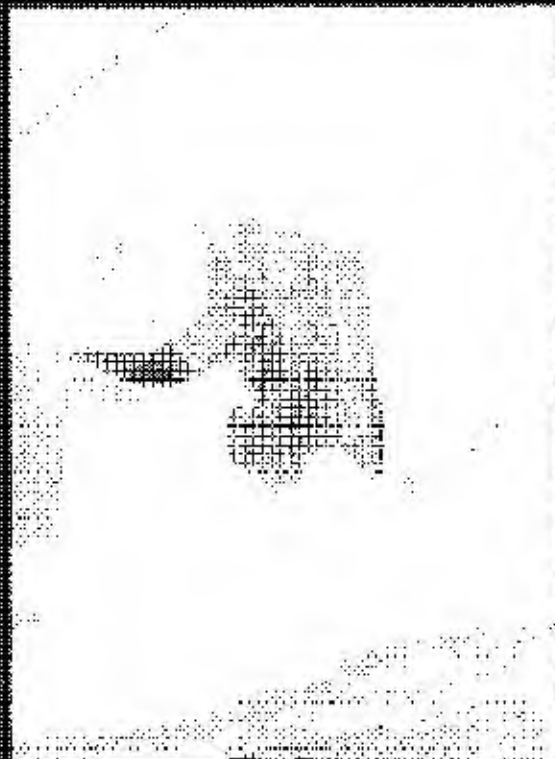
Event 01 First Choice Forward Facing Unbelted:
Rearward Seat Track, Handles Down



Unbelted 5th Percentile Female Restraint Seat:
Forward Seat Track

DOT/NHTSA 20S Suppression Test - 2004 Jeep Liberty (D-40300)
12 Month
Section 8

Rear Facing CRS



Graco Infant W/ Base With Belt, Forward Seat Track
Handle Up



Graco Infant W/ Base With Belt, Middle Seat Track
Handle Up



Graco Infant W/ Base With Belt, Rearward Seat Track
Handle Down



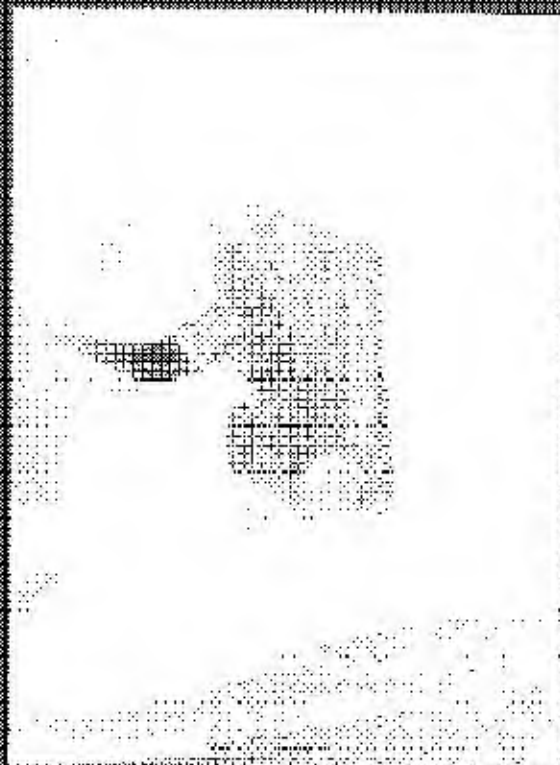
Graco Infant W/ Base, Unbelted, Forward Seat Track
Handle Up

DOT/NHTSA Child Suppression Test - Child Jump Library (C-10301)

12 Month

Station D

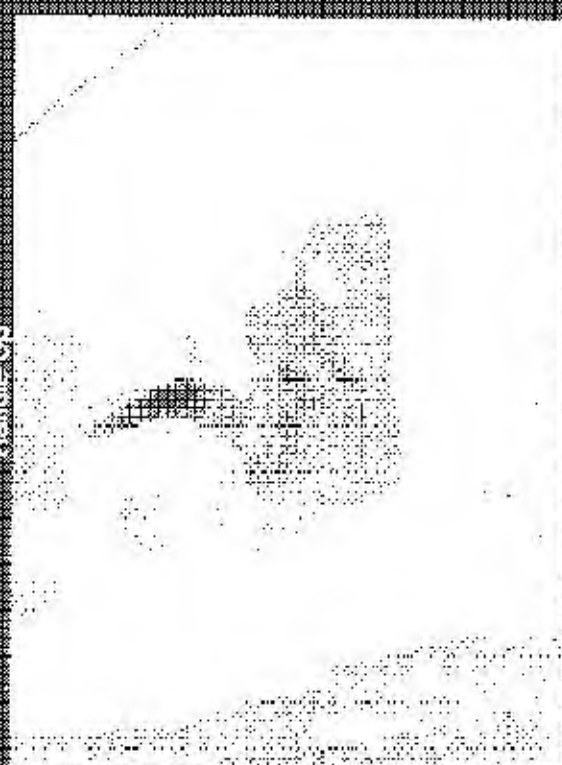
Rear Facing CRS



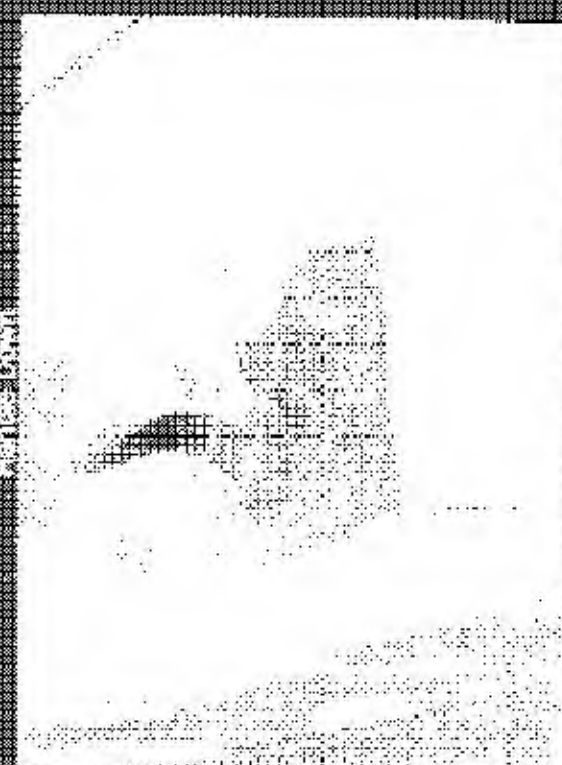
Craco Infant VW Base Unbolted, Middle Seat Track, Handle Up



Craco Infant VW Base Unbolted, Rearward Seat Track, Handle Up



Craco Infant VW Base Fwd Facing Unbolted, Forward Seat Track, Handle Up



Craco Infant VW Base Fwd Facing Unbolted, Middle Seat Track, Handle Up

DOT/NHTSA 20R Suppression Test - 2004 Jeep Liberty (CA1330D)

12 Month

Section B

Rear Facing CRS



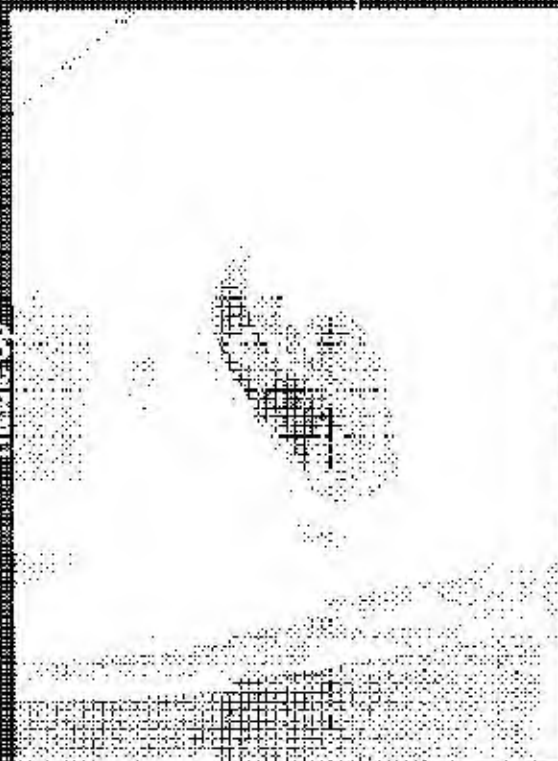
Graco Infant W/O Base Two Pack, Unlocked.
Rearward Seat Track Handle Up



Graco Infant W/O Base Two Pack, Forward Seat Track
Handle Up



Graco Infant W/O Base With Roll, Middle Seat Track,
Handle Down



Graco Infant W/O Base With Roll, Rearward Seat Track,
Handle Down

DOT/FM/TSA 2018 Suppression Test - 2014 Jeep Liberty (C-40310)
 12 Month

Section 5

Rear Facing CRS



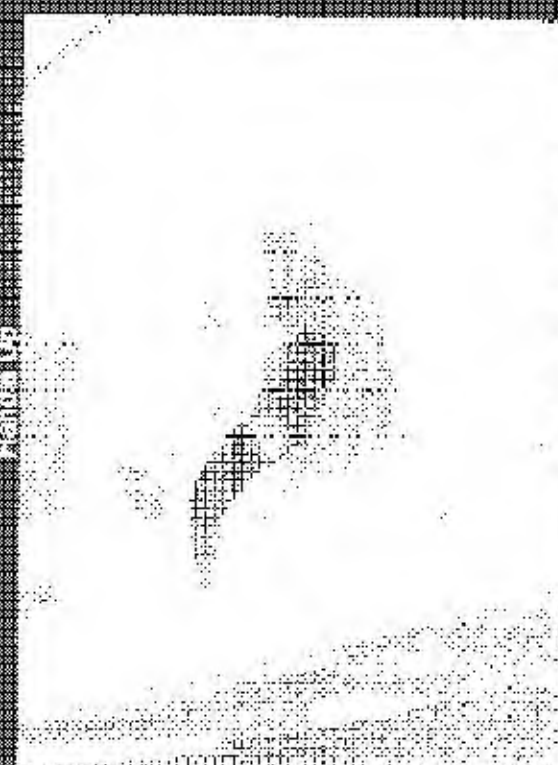
Graco Infant With Base Unrestrained, Forward Seat Track
 Handle Up



Graco Infant With Base Unrestrained, Midline Seat Track
 Handle Up



Graco Infant With Base Unrestrained, Rearward Seat Track
 Handle Down



Graco Infant With Base Forward Facing Unrestrained,
 Forward Seat Track, Handle Down

DOT/NHTSA 208 Suppression Test - 2004 Jeep Liberty (C40300)

12 Month

Section B

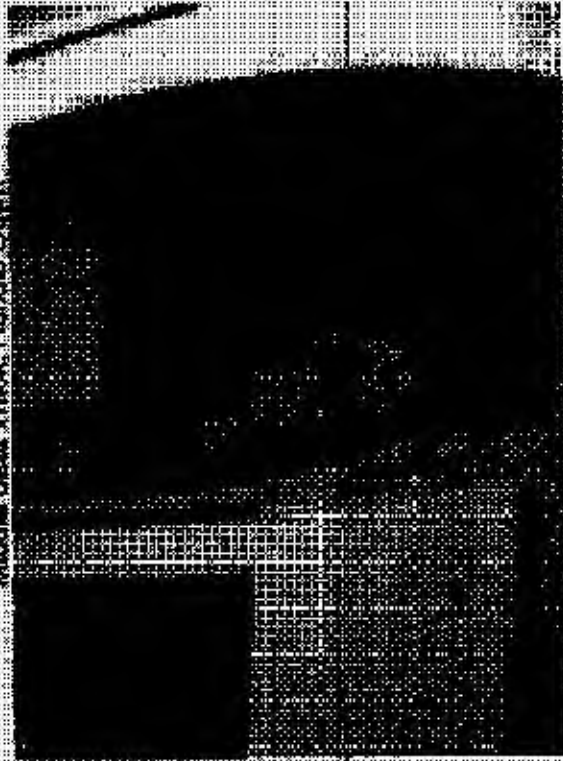
Rear Facing CRS



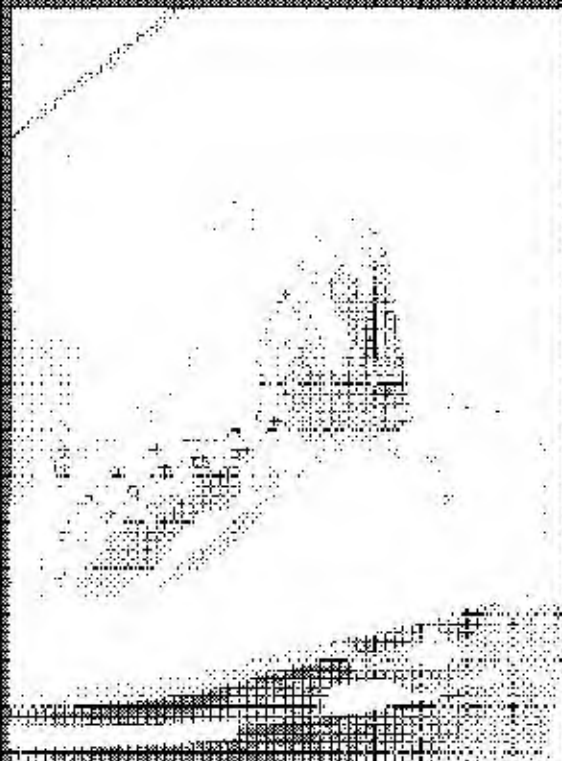
Graco Infant VWO Base Two Facing Unrestrained,
Middle Seat Track, Handle Down



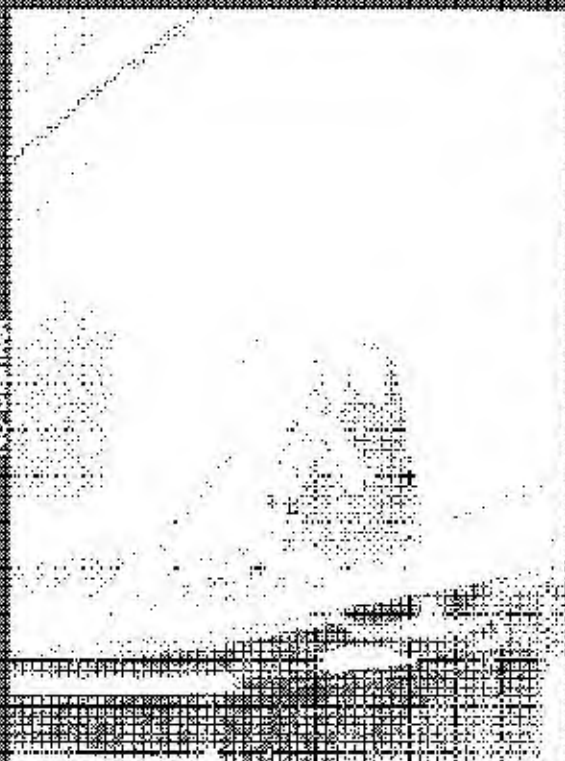
Graco Infant VWO Base Two Facing Unrestrained,
Rearward Seat Track, Handle Down



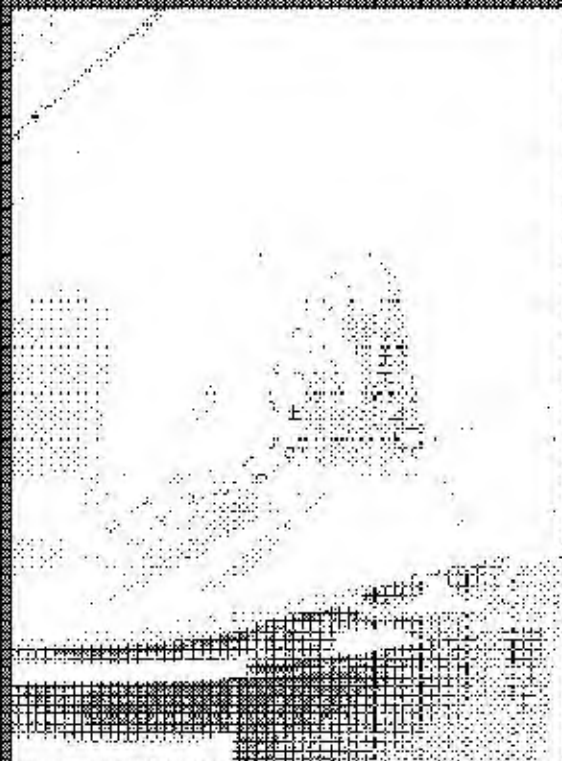
Unrestrained Permitted Female Rearward Seat,
Rearward Seat Track



Brake Roundabout Fwd Facing With Bel, Forward Seat Track,
No Blanket



Brake Roundabout Fwd Facing With Bel, Roundward Seat Track,
No Blanket



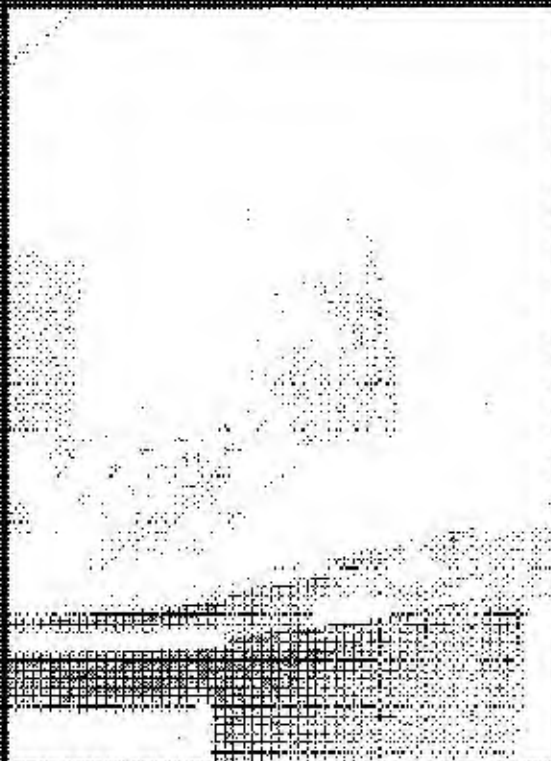
Brake Roundabout Fwd Facing With Bel, Forward Seat Track,
No Blanket



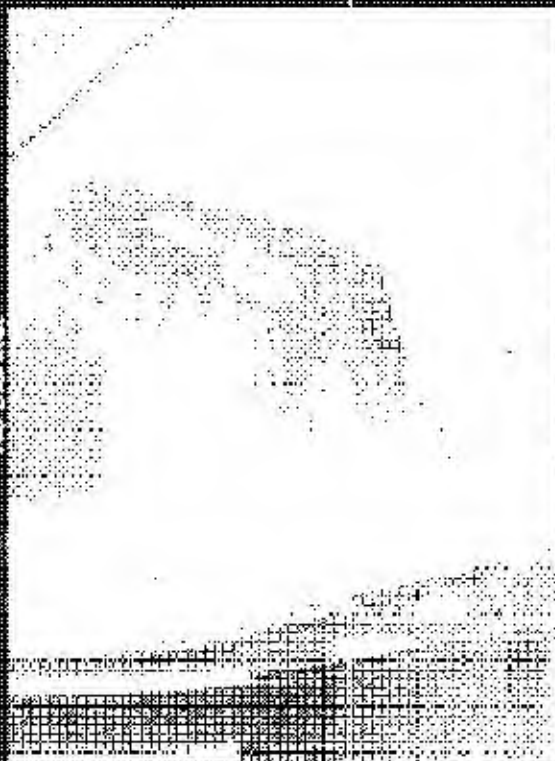
Brake Roundabout Fwd Facing Un belted, Forward Seat Track,
No Blanket

DOT/NHTSA 2006 Suppression Test - 2004 Jeep Liberty (C-40300)
 12 Month
 Section C

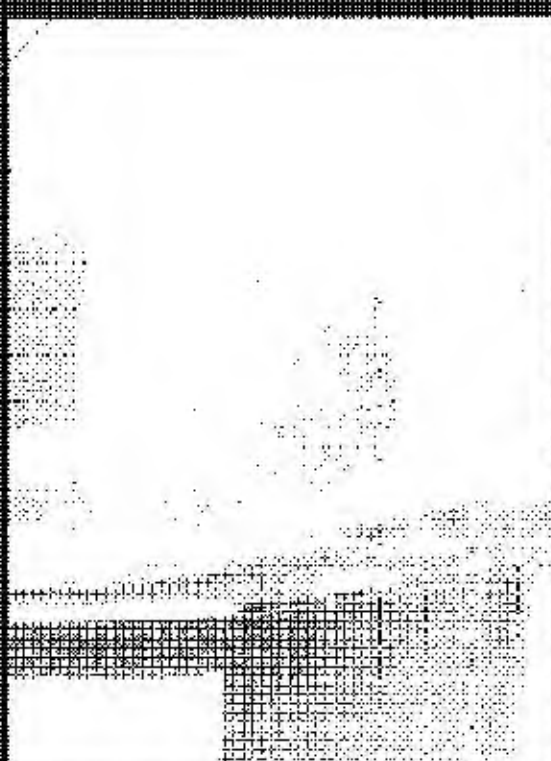
Forward Facing, Convertible CRS



Enlist Roundabout Ford Facing, Unrestrained, Middle Seat Track
 No Blanket



Enlist Roundabout Rear Facing With Belt, Forward Seat Track
 No Blanket



Enlist Roundabout Ford Facing, Unrestrained, Rearward Seat Track
 No Blanket



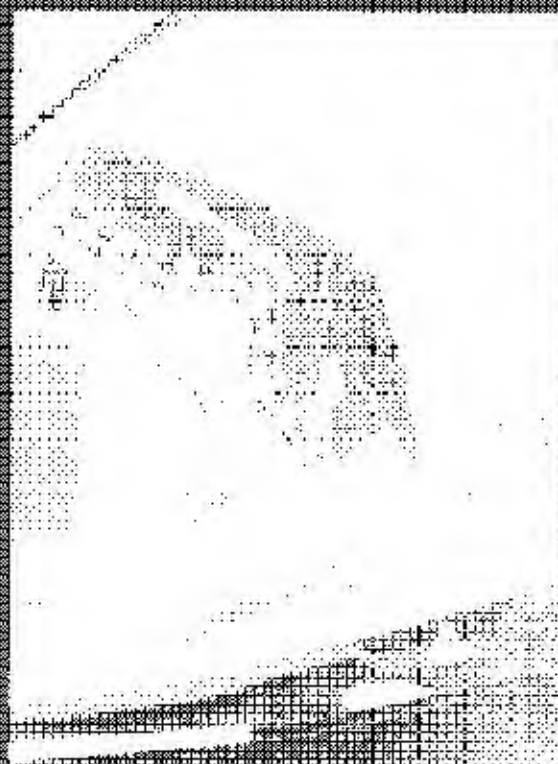
Enlist Roundabout Rear Facing With Belt, Middle Seat Track
 No Blanket

DOJ/NIJ TSA 216 Suppression Fair - 2004 Jeep Liberty (CL40309)
12 Month Section D

Forward Facing Convertible CRS



Child's Roundabout Rear Facing Unbelted, Rearward Seat Track
No Blanked



Child's Roundabout Rear Facing Unbelted, Forward Seat Track
No Blanked



Child's Roundabout Rear Facing Unbelted, Middle Seat Track,
No Blanked



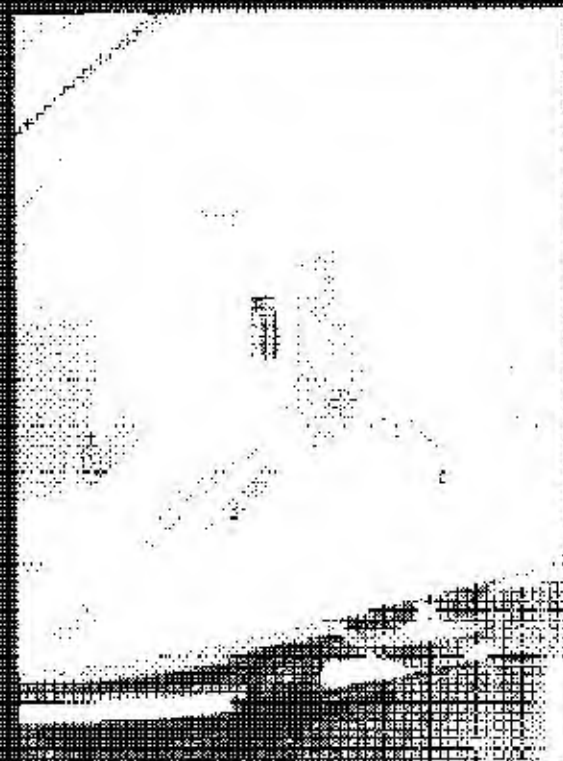
Child's Roundabout Rear Facing Unbelted, Rearward Seat Track,
No Blanked

DOT/NHTSA 208 Suppression Test - 2004 Jeep Liberty (C40000)

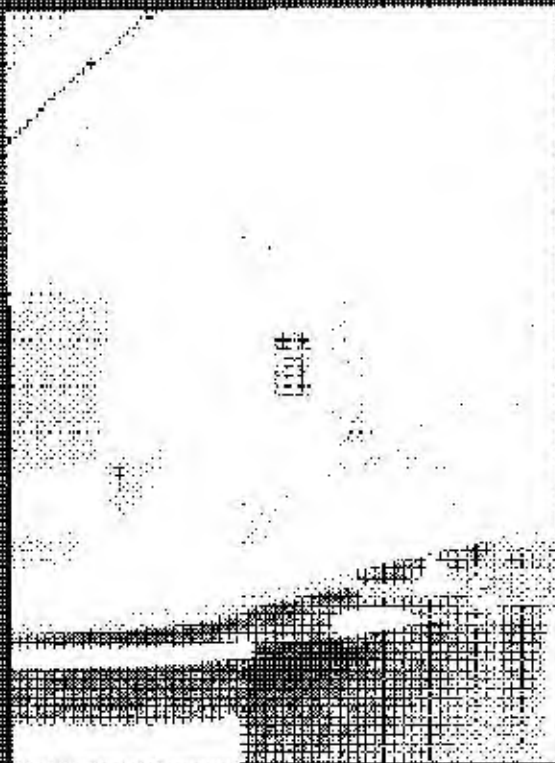
12 Month

Section C

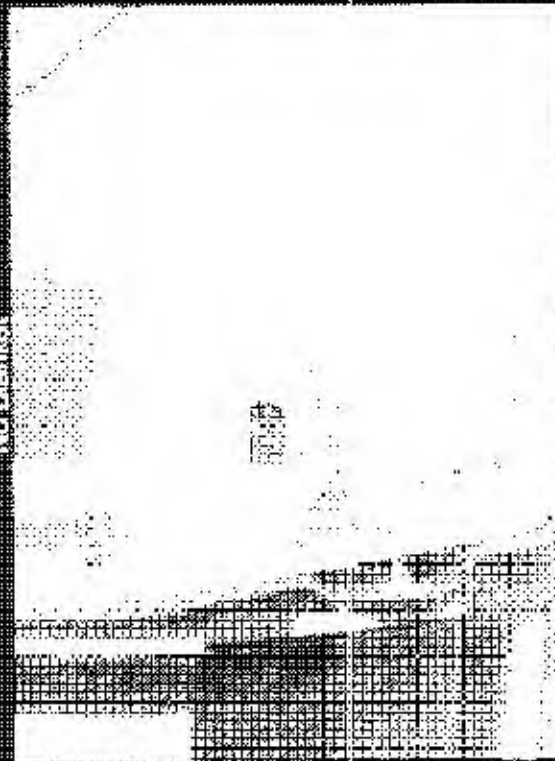
Forward Facing Convertible CRS



Century Encore Fwd Facing With Belt, Forward Seat Track,
No Blanket



Century Encore Fwd Facing With Belt, Middle Seat Track,
No Blanket



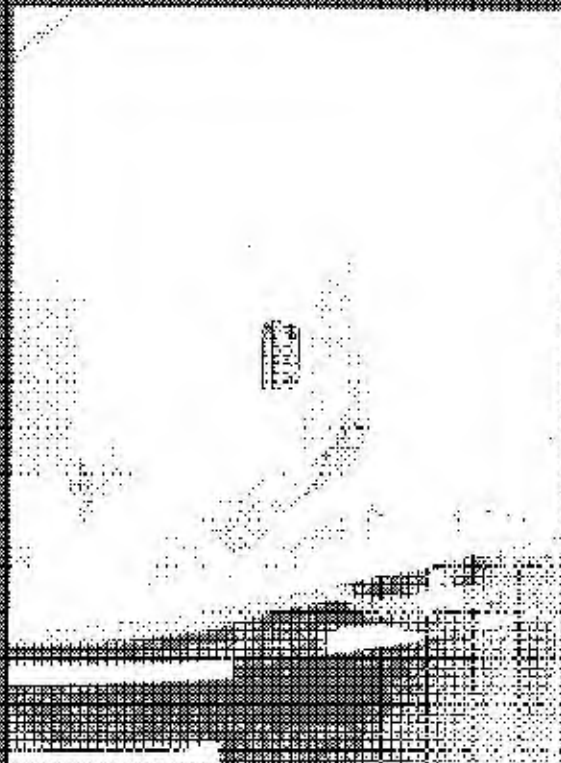
Century Encore Fwd Facing With Belt, Rearward Seat Track,
No Blanket



Century Encore Fwd Facing Unbuckled, Forward Seat Track,
No Blanket

DOT/NHTSA 2008 Suppression Test - 2004 Jeep Liberty (C40309)
 (2 Month) Subject: C

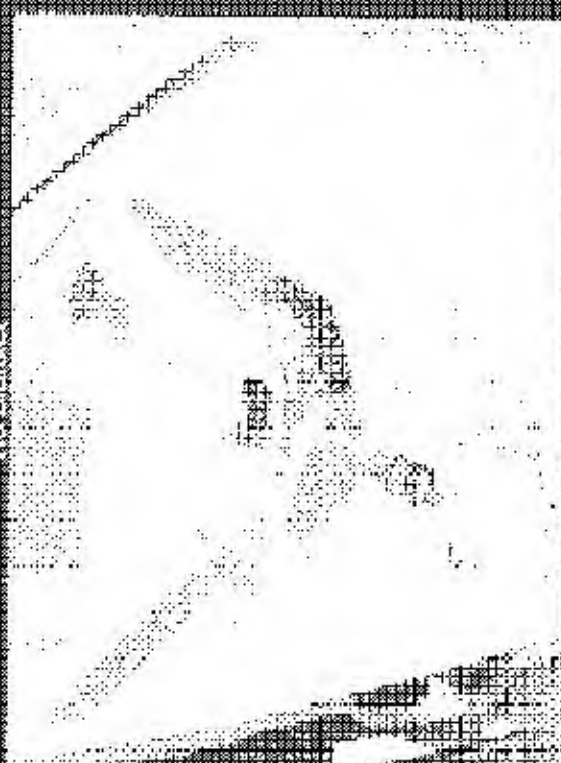
Forward Facing Convertible CPAS



Century Encloses Front Facing Unrestrained Middle Seat Track.
 No Blanket



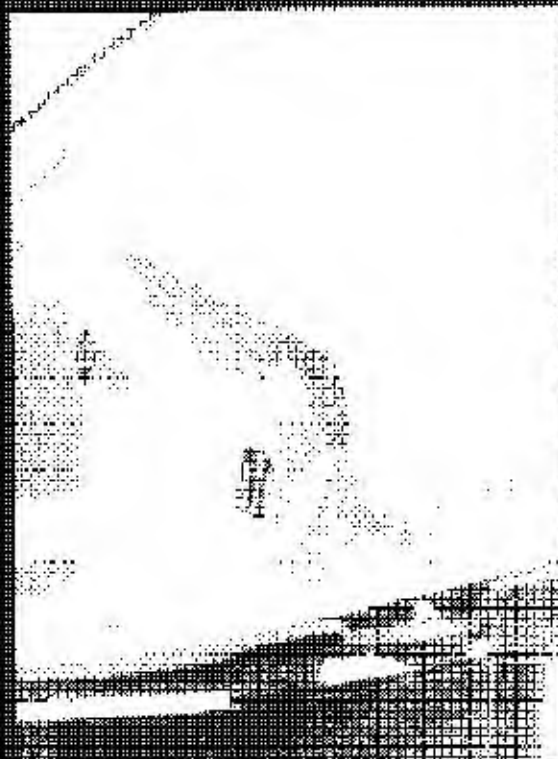
Century Encloses Front Facing Unrestrained, Forward and Middle Track.
 No Blanket



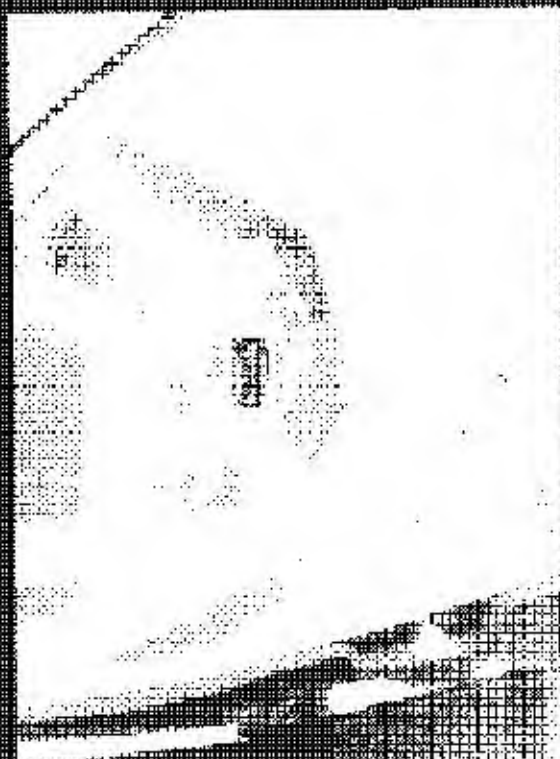
Century Encloses Rear Facing With Belt, Forward Seat Track.
 No Blanket



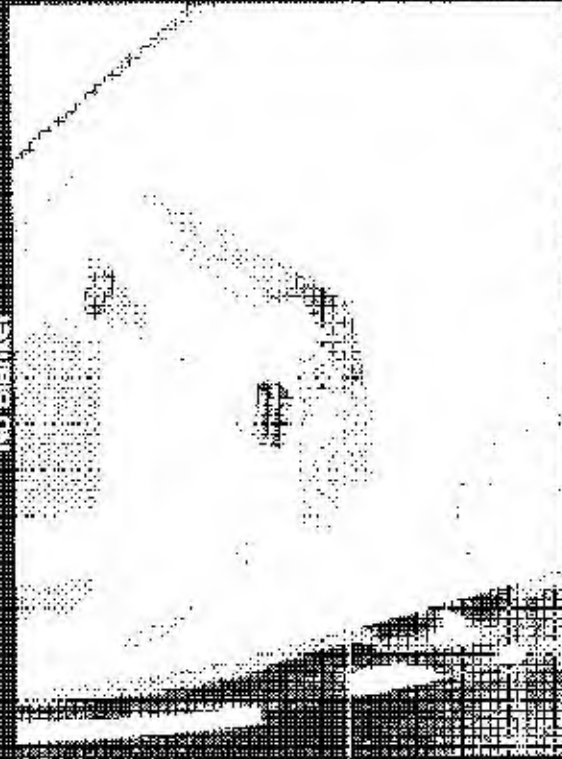
Century Encloses Rear Facing With Belt, Middle Seat Track.
 No Blanket



Century Encore Rear Facing With Belt, Rearward Seat Track
No Blanket



Century Encore Rear Facing Unlabeled, Forward Seat Track
No Blanket



Century Encore Rear Facing Unlabeled, Middle Seat Track
No Blanket



Century Encore Rear Facing Unlabeled, Rearward Seat Track
No Blanket

DOT/NHTSA 2006 Suppression Tests - 2004 Jeep Liberty (Carpool)
12 Month
Section C

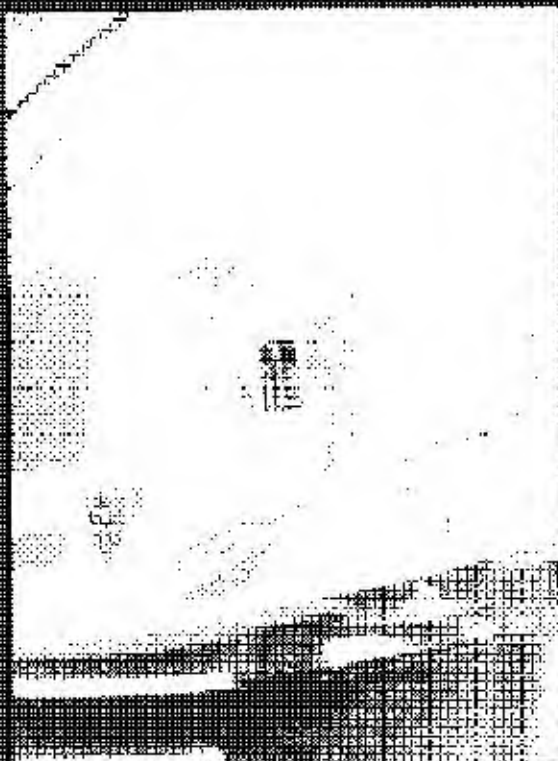
Forward Facing Convertible Cars



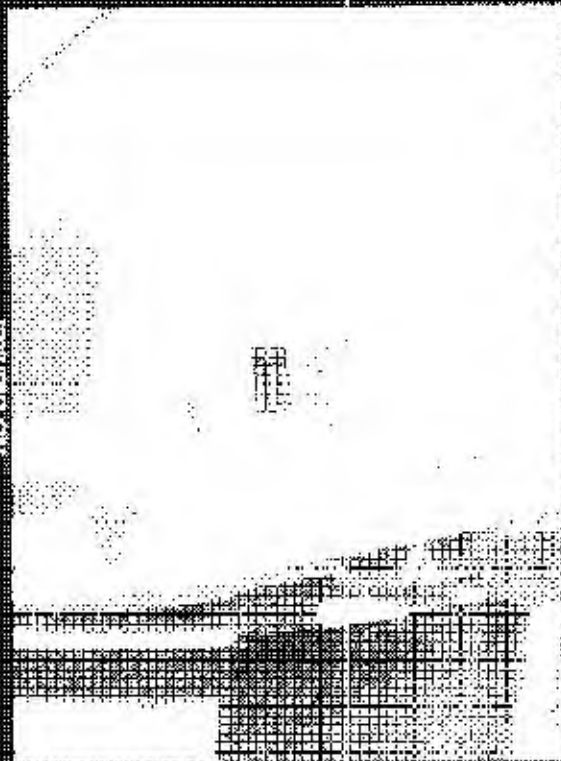
Unbelted 5th Percentile Female Restraint Seat
Middle Seat Track



Event0: Medallion Fwd Facing With Belt Forward Seat Track,
No Blanket



Event0: Medallion Fwd Facing With Belt Middle Seat Track,
No Blanket



Event0: Medallion Fwd Facing With Belt Rearward Seat Track,
No Blanket



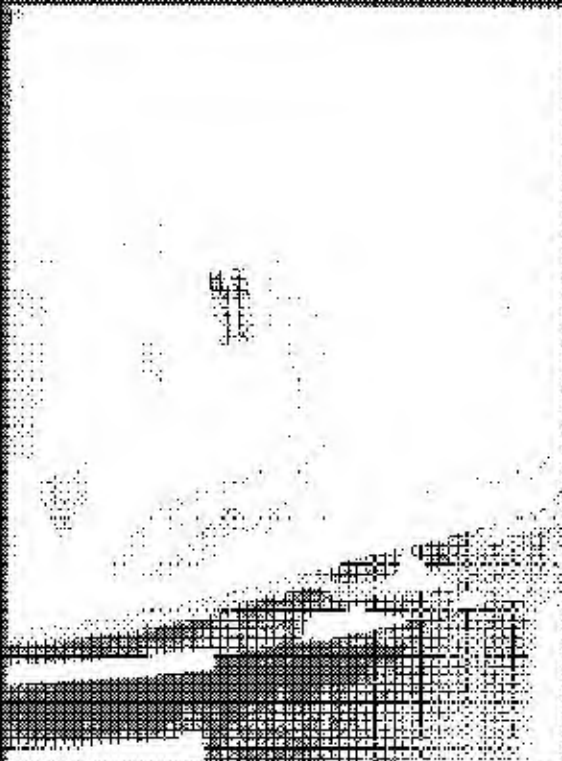
Event0: Medallion Fwd Facing Unbelted Forward Seat Track,
No Blanket

DOT/NHTSA 2011 Suppression Test - 2004 Jeep Liberty (C403109)

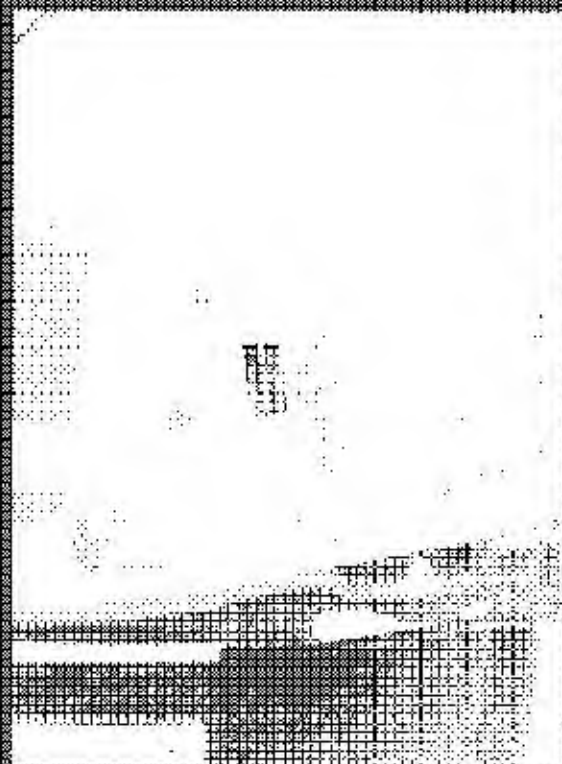
12 Month

Section C

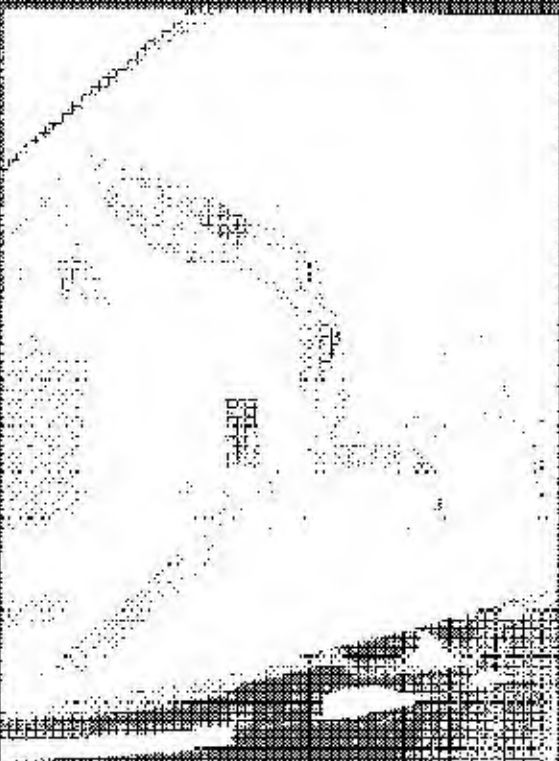
Forward Facing Convertible dBS



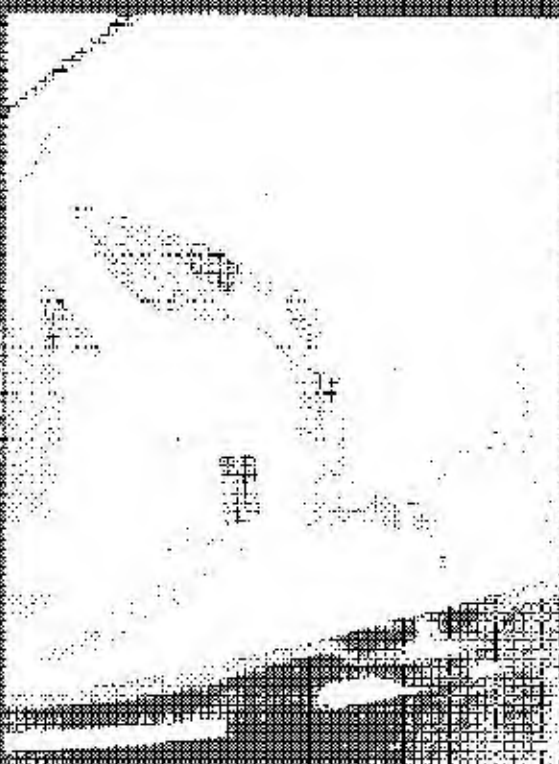
Event to Median Left Rear Facing With Belt, Forward Seat Track,
No Blanket



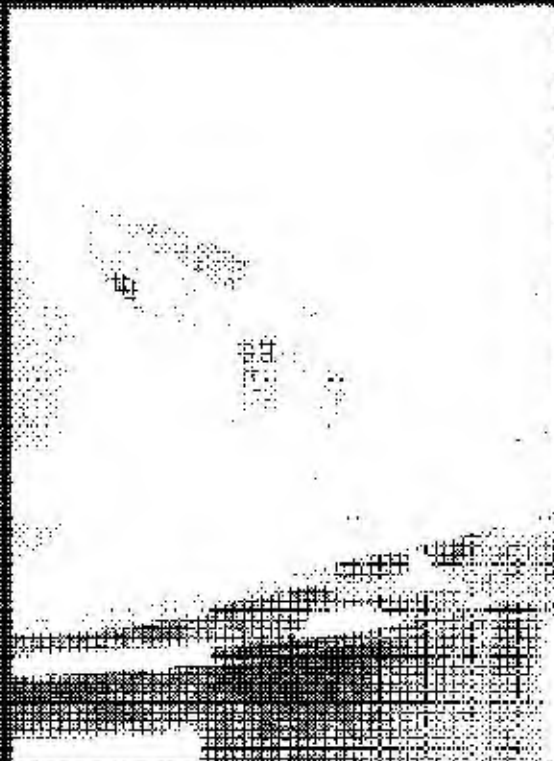
Event to Median Left Rear Facing With Belt, Forward Seat Track,
No Blanket



Event to Median Left Rear Facing With Belt, Forward Seat Track,
No Blanket



Event to Median Left Rear Facing With Belt, Middle Seat Track,
No Blanket



Evenly Medallion Rear Facing With Belt Forward Seat Track
No Blanket



Evenly Medallion Rear Facing Unbelted Forward Seat Track
No Blanket



Evenly Medallion Rear Facing Unbelted, Middle Seat Track
No Blanket



Evenly Medallion Rear Facing Unbelted Rearward Seat Track
No Blanket

DOTW/NTSA 2008 Suppression Test - 2004 Jeep Liberty (C40300)

12 Month

Section C

Forward Facing Convertible OPS



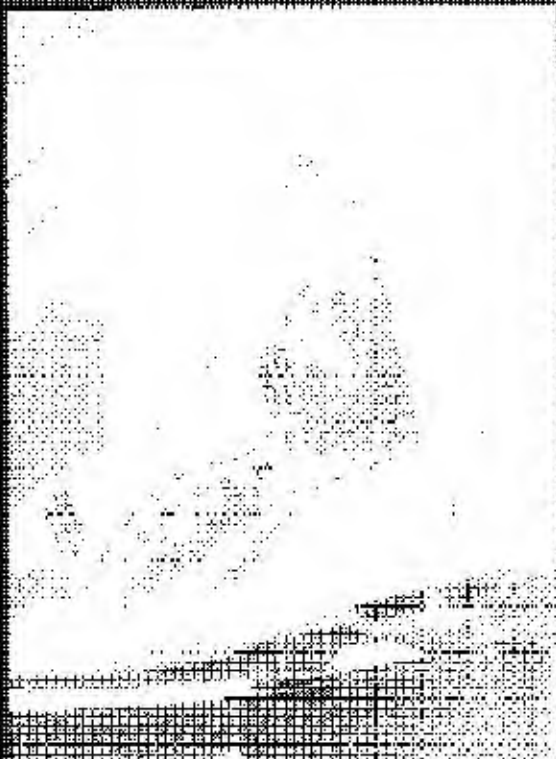
Unballed 6th Passenger Forward Realisation Seat
Forward Seat Track

DOT/NHTSA 208 Suppression Test - 2004 Jeep Liberty (C469300)

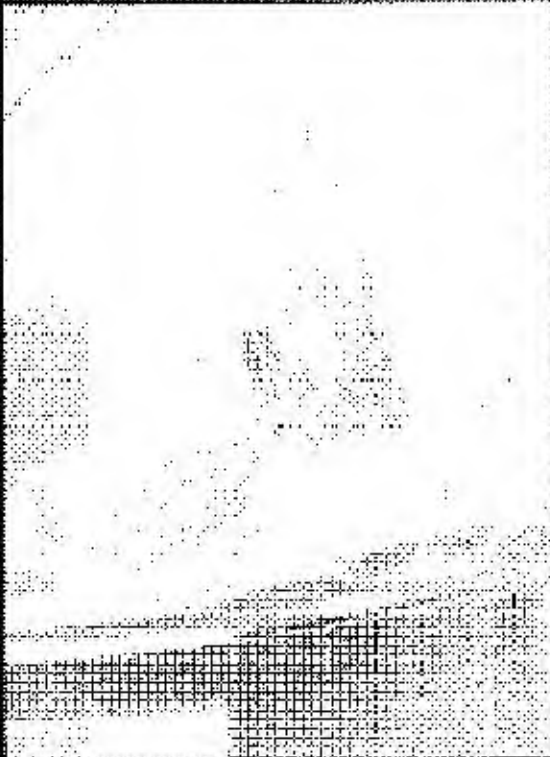
3 Year Old

Section C

Forward Facing Convertible CTS



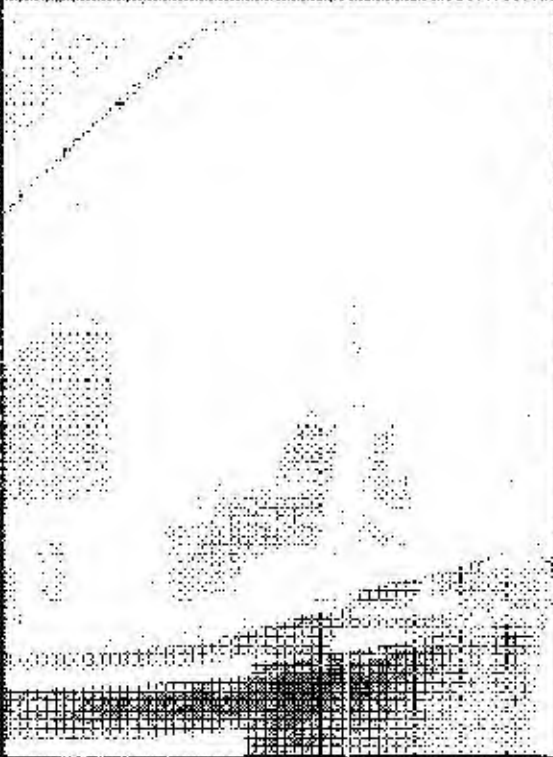
3-Year-Old Full Facing Bank Reinforcement Belted
Forward Seat Track



3-Year-Old Full Facing Bank Reinforcement Belted
Middle Seat Track



3-Year-Old Full Facing Bank Reinforcement Belted
Rearward Seat Track



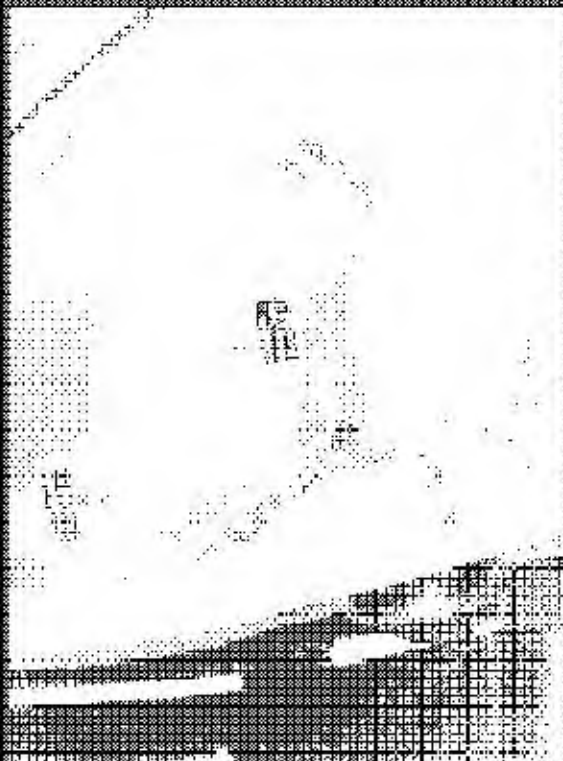
Unbelted 5th Percentile Female Reinforcement Seat
Rearward Seat Track

CDL/NHTSA 2008 Suppression Test - 2004 Jeep Liberty (C-20309)

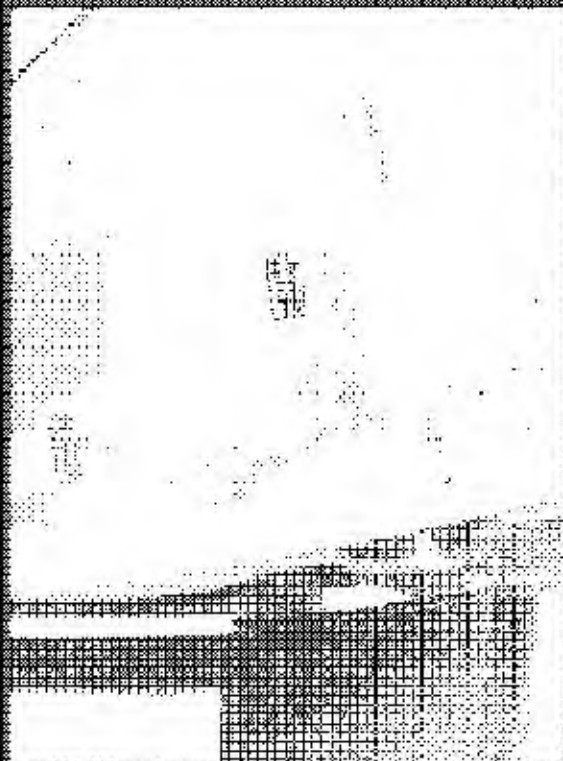
3 Year Old

Section C

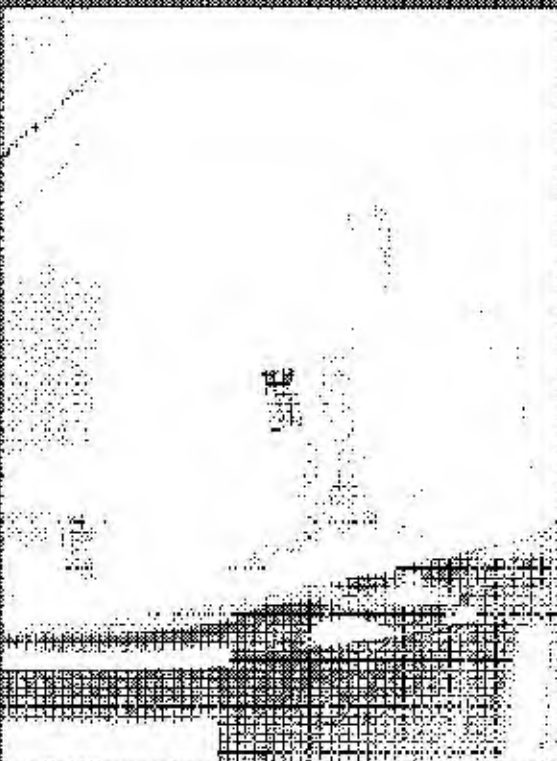
Forward Facing Convertible CPSS



3 Year Old Two Facing Car Seat Encore Belled
Forward Seat Track



3 Year Old Two Facing Car Seat Encore Belled
Middle Seat Track



3 Year Old Two Facing Car Seat Encore Belled
Rearward Seat Track

DOT/NHTSA 2006 Suppression Test - 2004 Jeep Liberty (C40300)
 Section C

3 Year Old

Forward Facing Convertible CRS



3-Year-Old Fwd Facing Evenflo Medallion Belted
 Forward Seat Track



3-Year-Old Fwd Facing Evenflo Medallion Belted,
 Middle Seat Track



3-Year-Old Fwd Facing Evenflo Medallion Belted,
 Rearward Seat Track

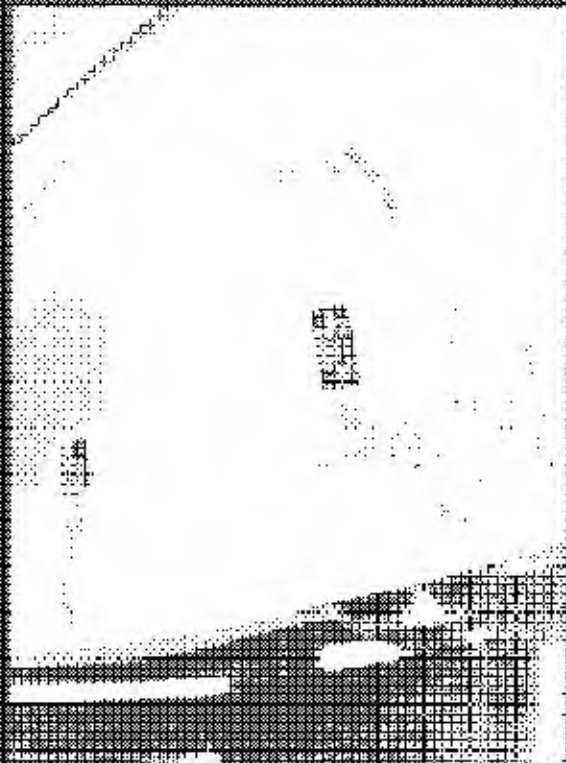
DOJ/NHTSA 2006 Suppression Test - 2004 Jeep Liberty (C46000)

3-View OR

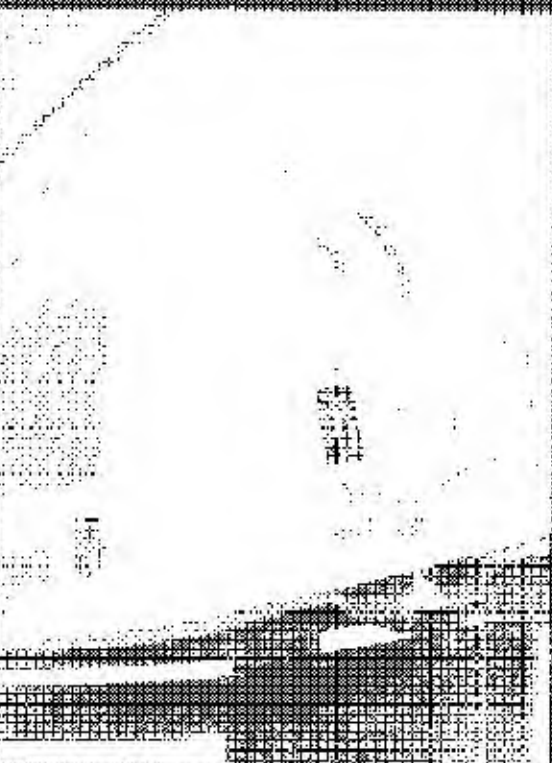
Section D

Forward Facing Toddler

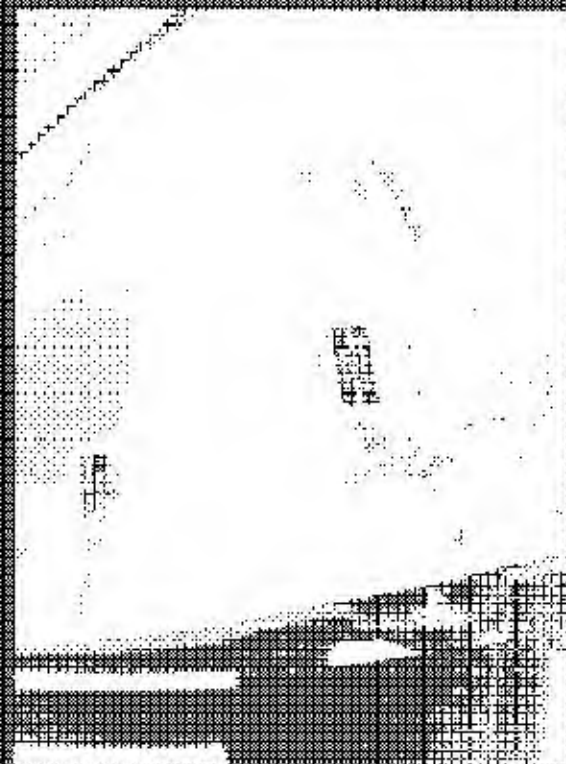
Seal Positioning Boosted Seat



3-Year-Old Child in Forward Facing Toddler Seat



3-Year-Old Child Next Step Boosted Rearward Seat Track



3-Year-Old Child in Next Step Boosted Rearward Seat Track



Unboosted 5th Percentile Female Rearward Seat Forward Seat Track

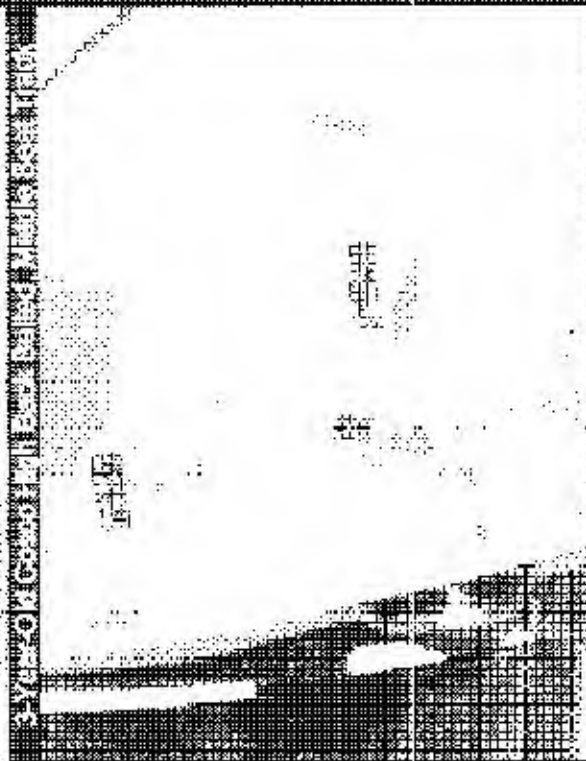
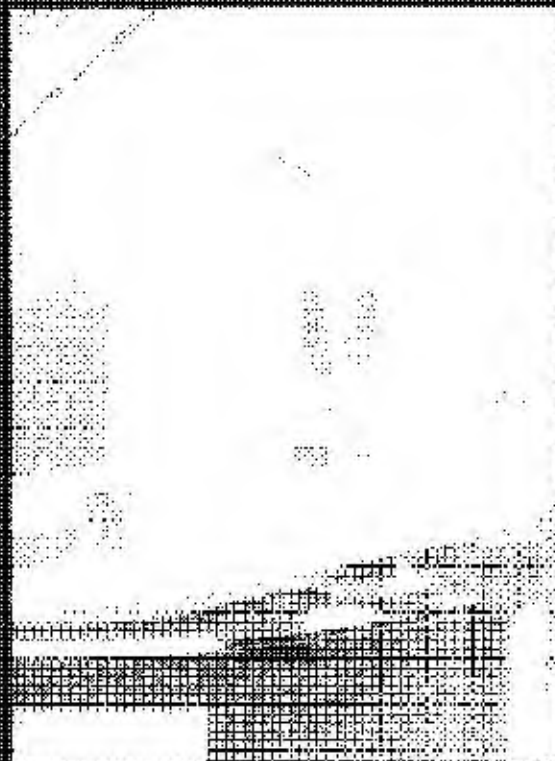
DOT/NHTSA 2004 Suppression Test - 2004 Jeep Liberty (C40300)

3 Year Old

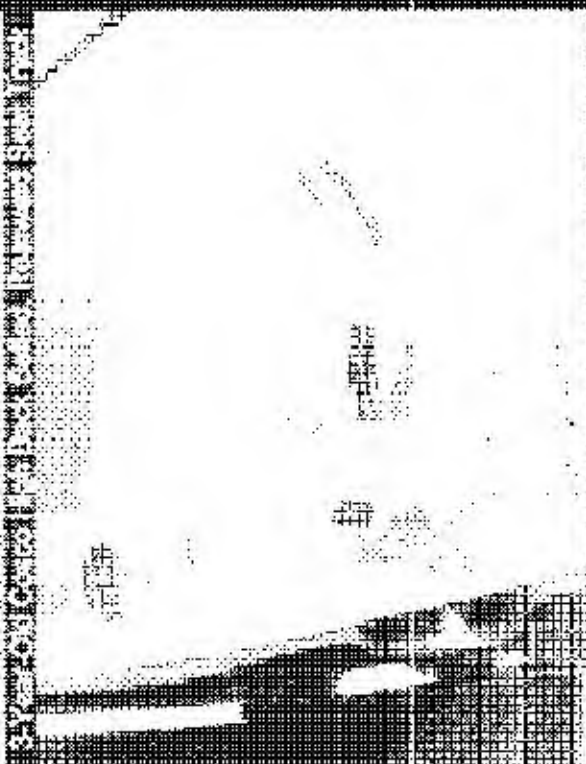
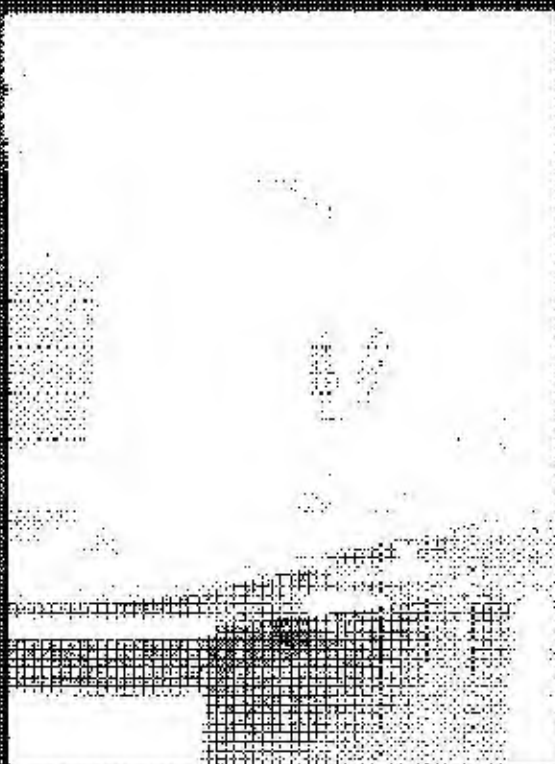
Section D

Forward Facing Toddler

Belt Positioning Booster Seat



3-Year-Old Cosco High Back Cribbed With Harness,
Middle Seat Track



3-Year-Old Cosco High Back Cribbed With Harness,
Rearward Seat Track

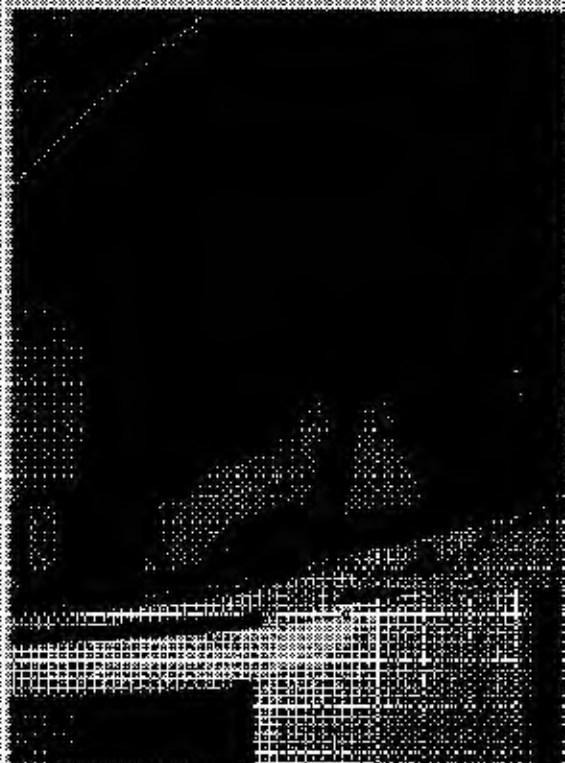
DOT/NHTSA 2018 Suppression Test - 2004 Jeep Liberty (C-403100)

3 Year Old

Section D

Forward Facing Toddler

Belt Positioning Booster Seat



Unlabeled 5th Percentile Female Rearseated Child
Rearward Seat Track

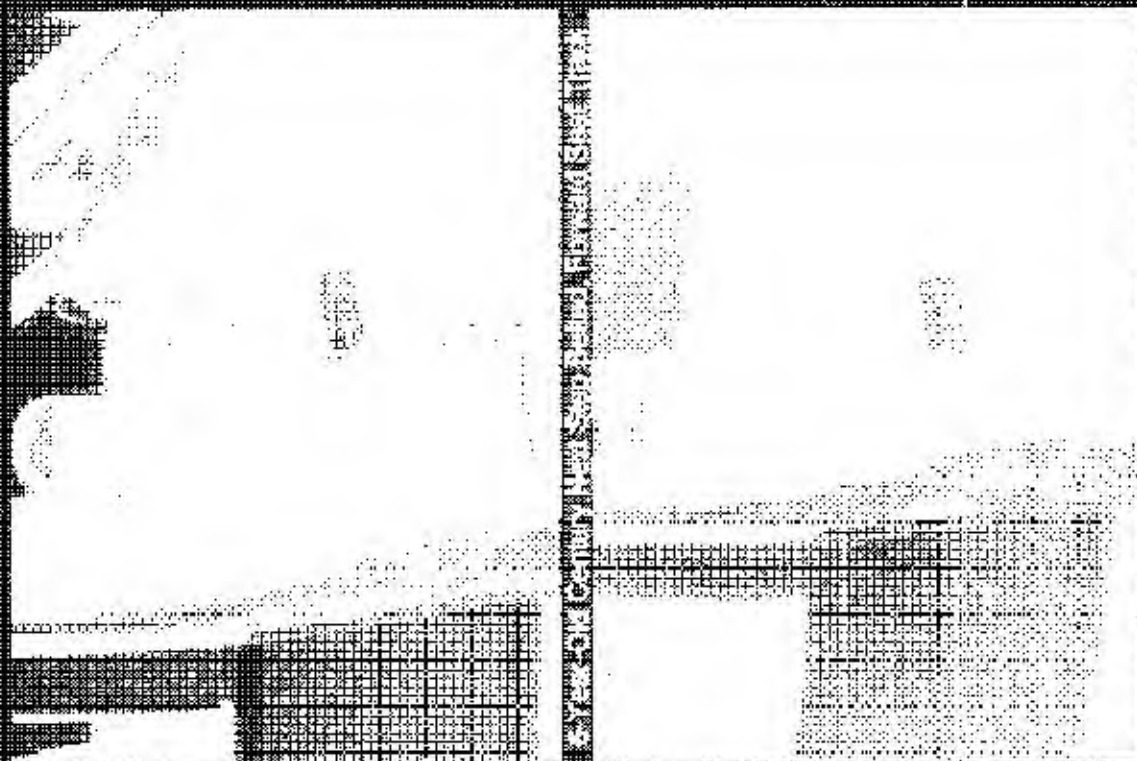
DOT/NHTSA 2004 Suppression Test - 2004 Jeep Liberty (C40300)

6 Year Old

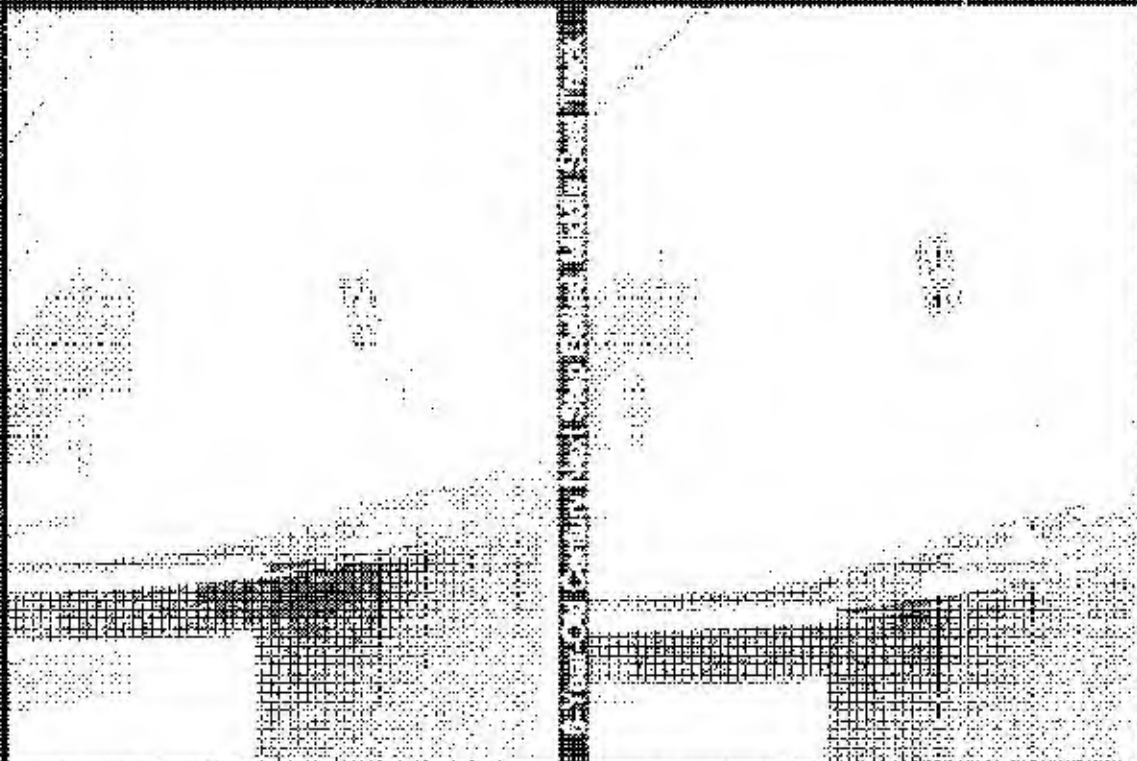
Section D

Forward Facing Toddler

Red Positioning Booster Seat



6-Year-Old Century Next Step Booster, Forward Facing Toddler



6-Year-Old Century Next Step Unbelts, Forward Facing Toddler

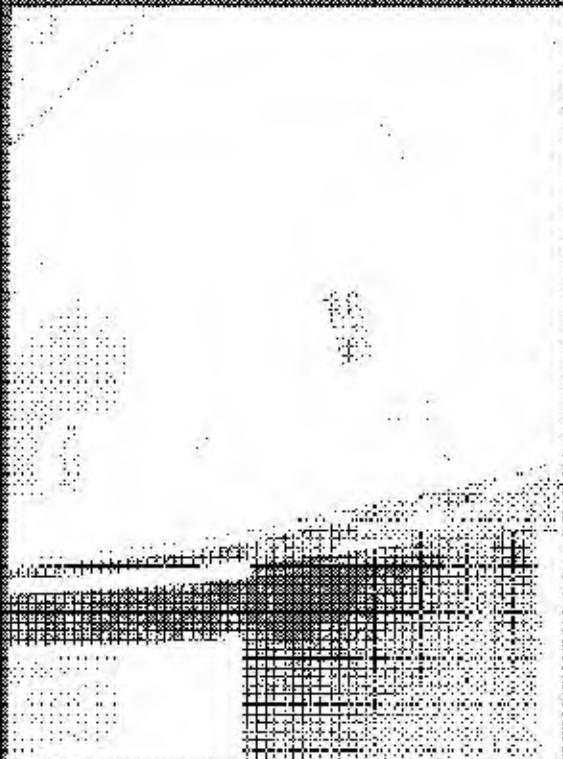
COJUNHSA 2018 Suppression Task - 2014 Jeep Liberty (C43309)

5 Year Old

Section B

Forward Facing Toddler

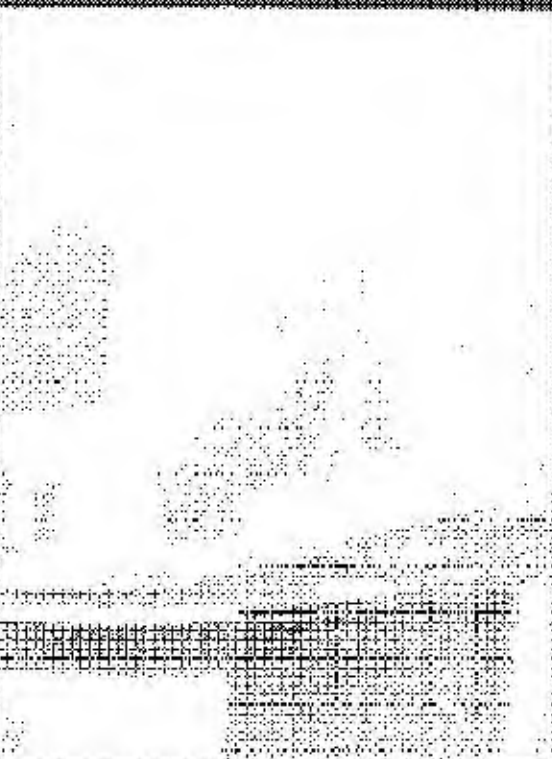
Seat Positioning Booster Seat



5-Year-Old Century Next Step Unlabeled Midsize Seat Track



5-Year-Old Century Next Step Unlabeled Rearward Seat Track



Unlabeled 5th-7th Year Old Permanent Rearward Seat
Rearward Seat Track

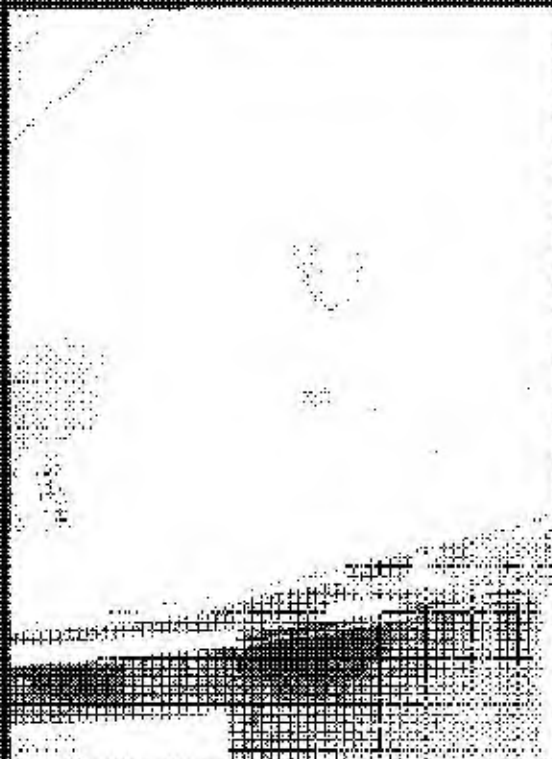
DOT/NHTSA 208 Suppression Test - 2DM4 Jeep Liberty (C40300)

6 Year Old

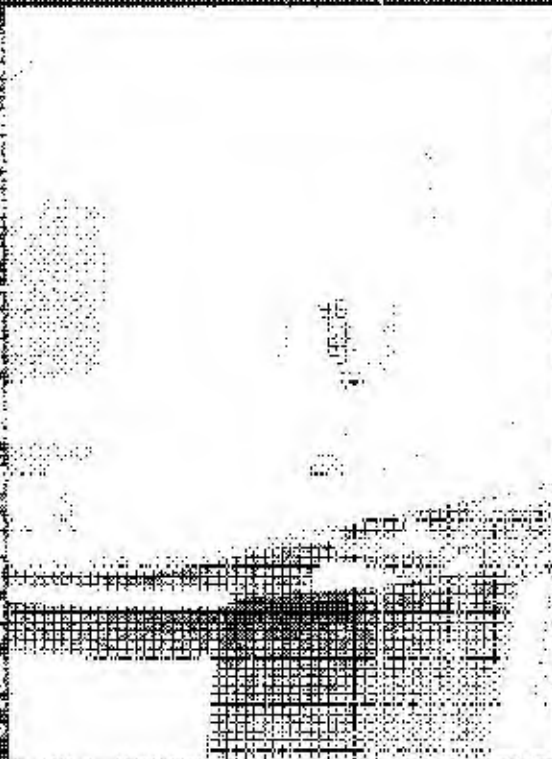
Section D

Forward Facing Toddler

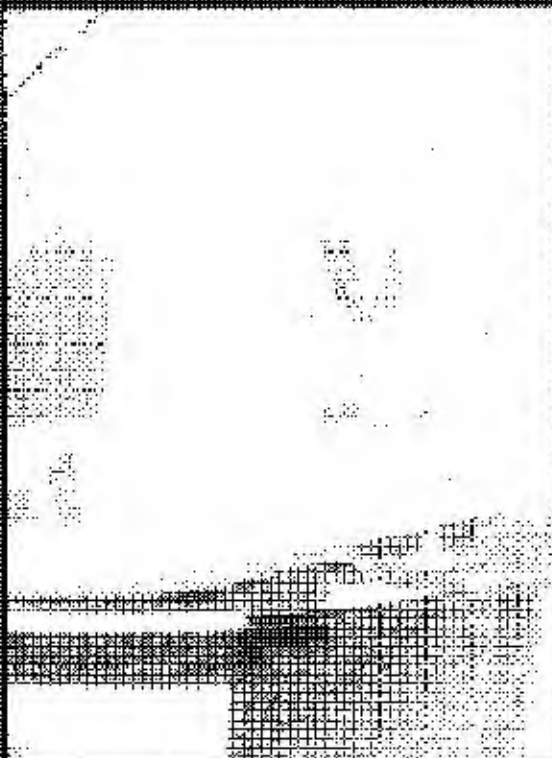
Belt Positioning Booster Seat



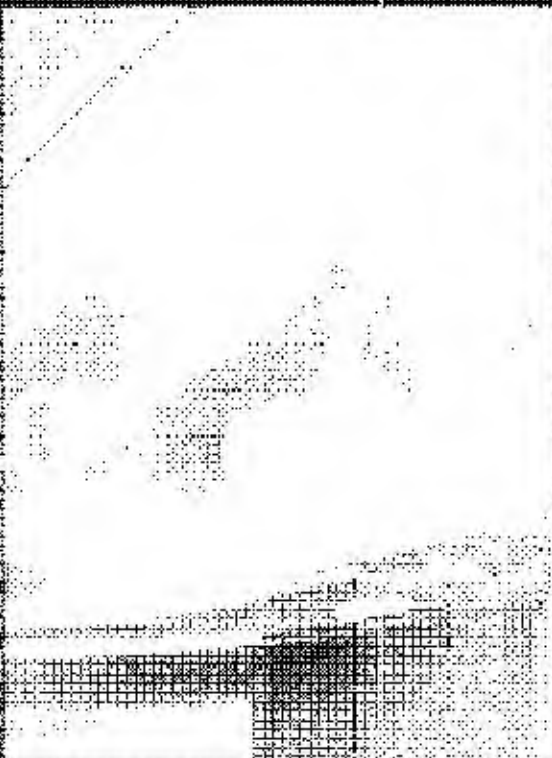
6 Year Old Child in 2DM4 Forward Facing Toddler



6 Year Old Child in High Back Booster, Rearward Seat Track



6 Year Old Child in 2DM4 Belt Positioning Booster Seat



Unboosted 5th Percentile Female, Rearward in Seat

Forward Seat Track

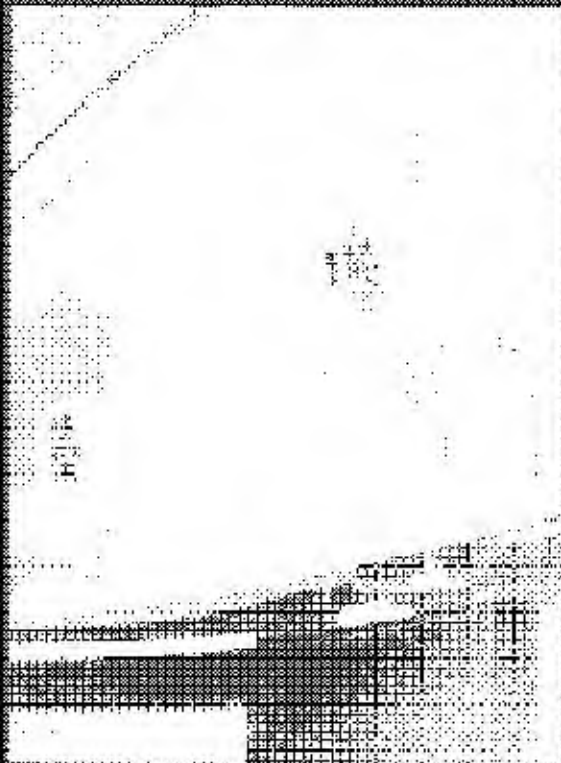
COLNHTSP 208 Suppression Test - 2004 Jeep Liberty (C-43303)

BYOW OM

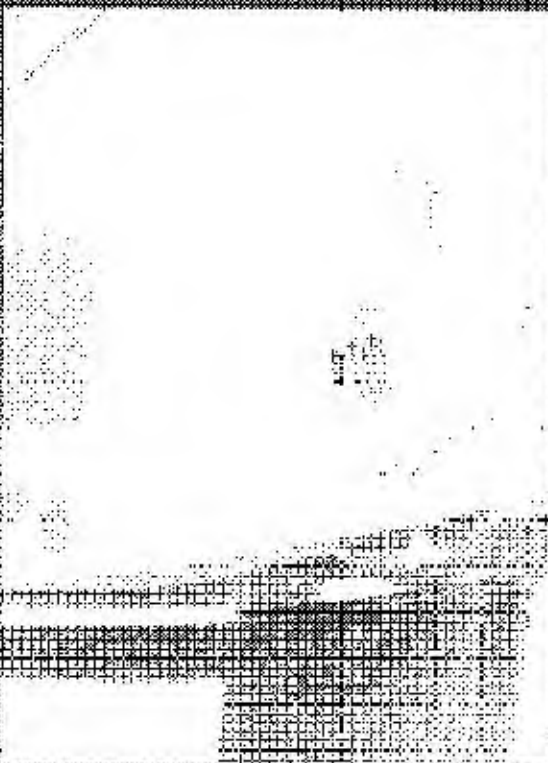
Section D

Forward Facing Toddler

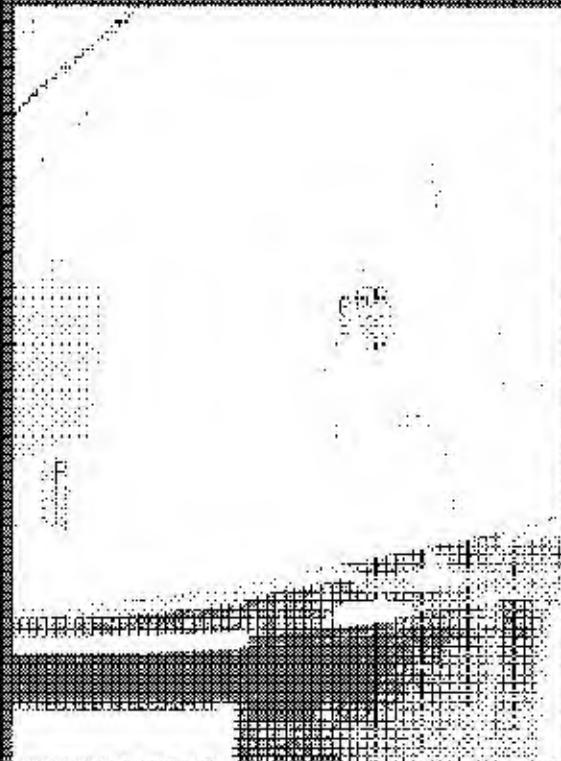
8a) Forwarding Booster Seat



BYOW OM Forward Facing Toddler



BYOW OM Forward Facing Toddler



BYOW OM Forward Facing Toddler

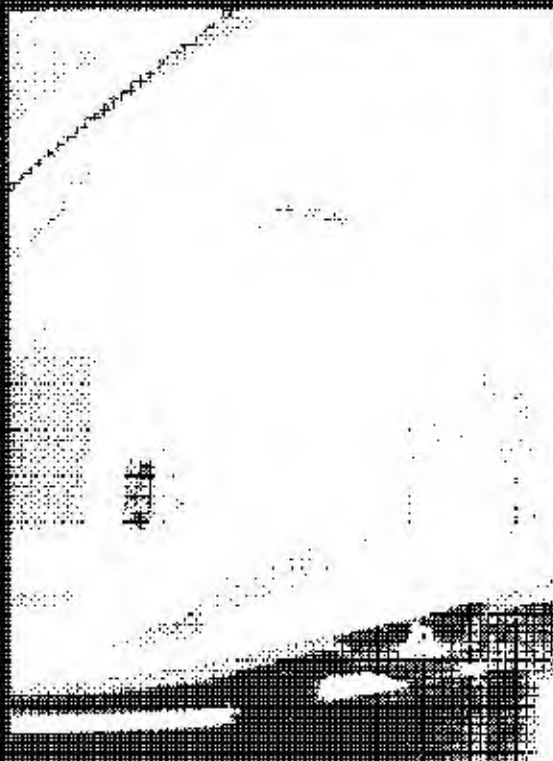


BYOW OM Forward Facing Toddler

DOT/NHTSA 20th Suppression Test - 2004 Jeep L. Early (C-40300)

3 Year Old

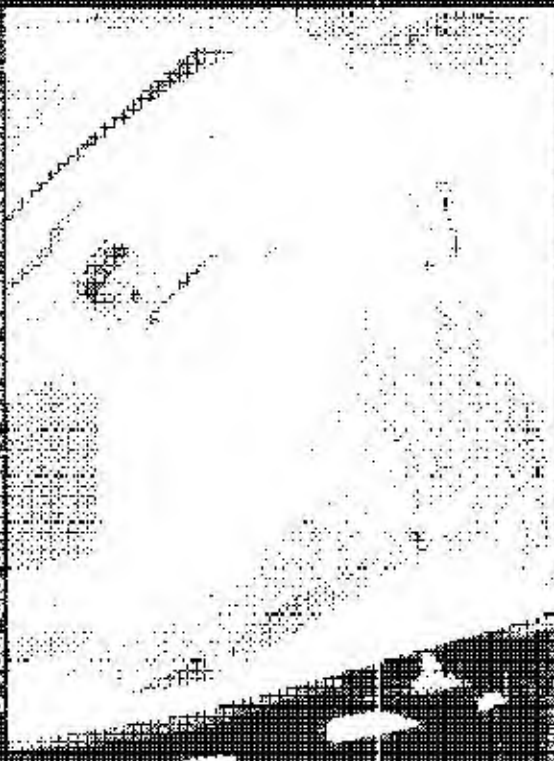
No CRS



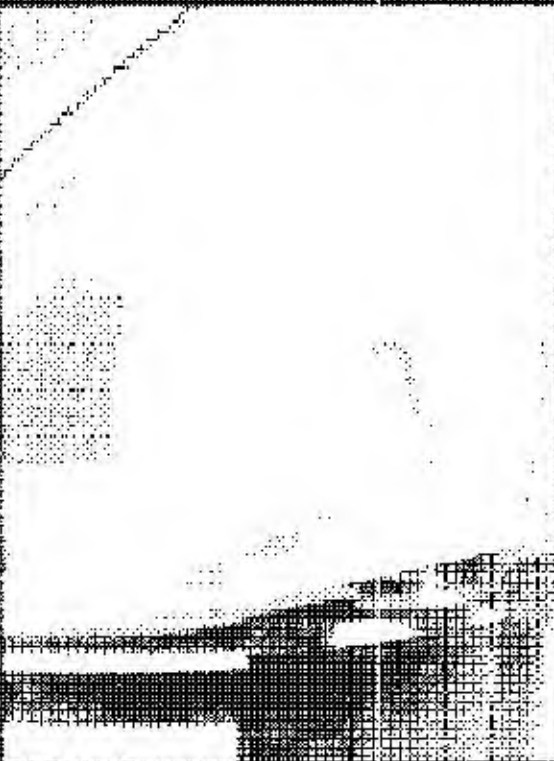
3-Year-Old Unbelted / Forward Seat Track, Position 4



3-Year-Old Unbelted / Forward Seat Track, Position 5



3-Year-Old Unbelted / Forward Seat Track, Position 4

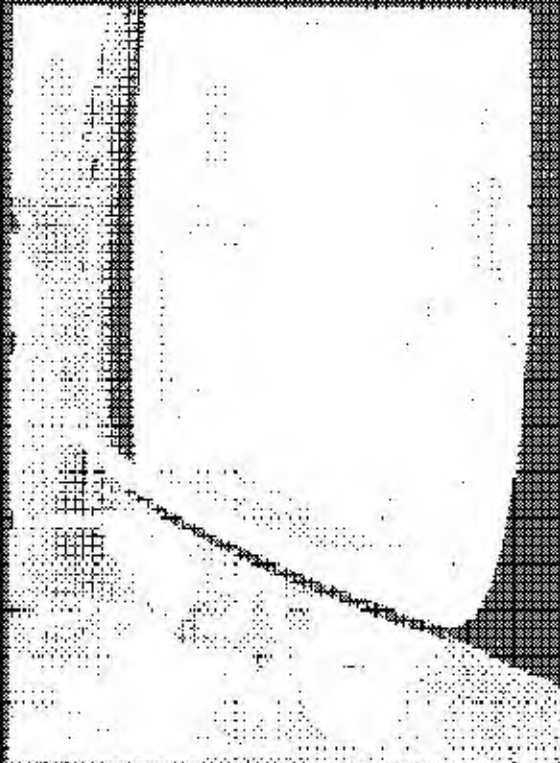


3-Year-Old Unbelted / Forward Seat Track, Position 5

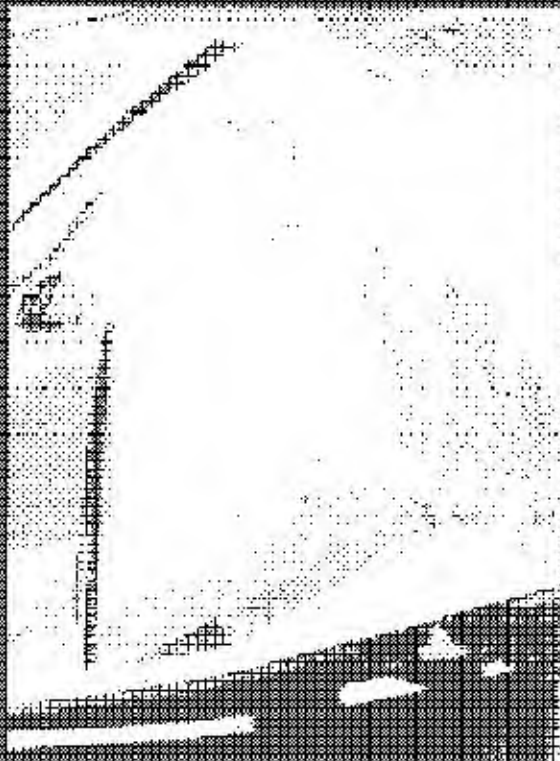
DOI/NIHSA 2018 Suppression Test - 2004 Jeep Liberty (C-40310)

3 Year Old

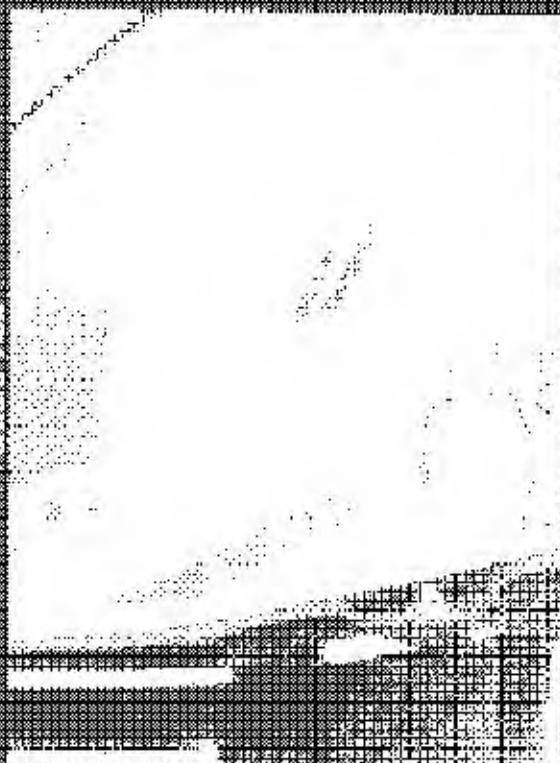
No CRS



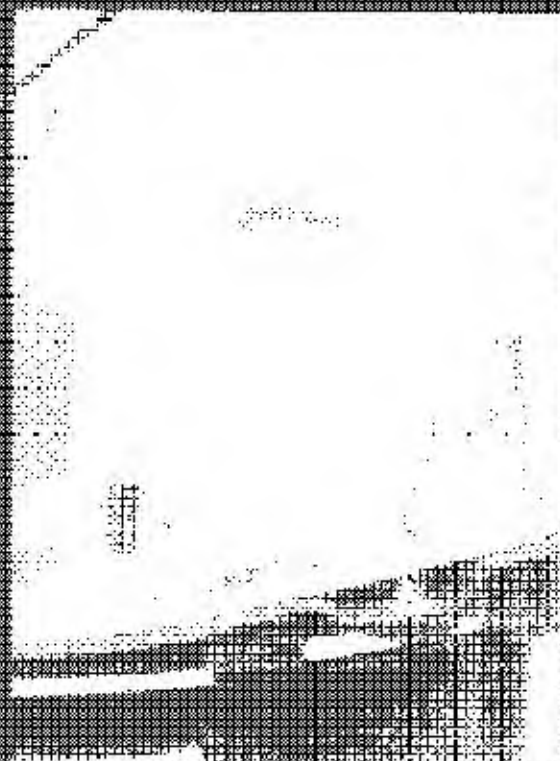
3-Year-Old Unlabeled, Forward Seat Track, Position 6
Forward View



3-Year-Old Unlabeled, Forward Seat Track, Position 8



3-Year-Old Unlabeled, Forward Seat Track, Position 7

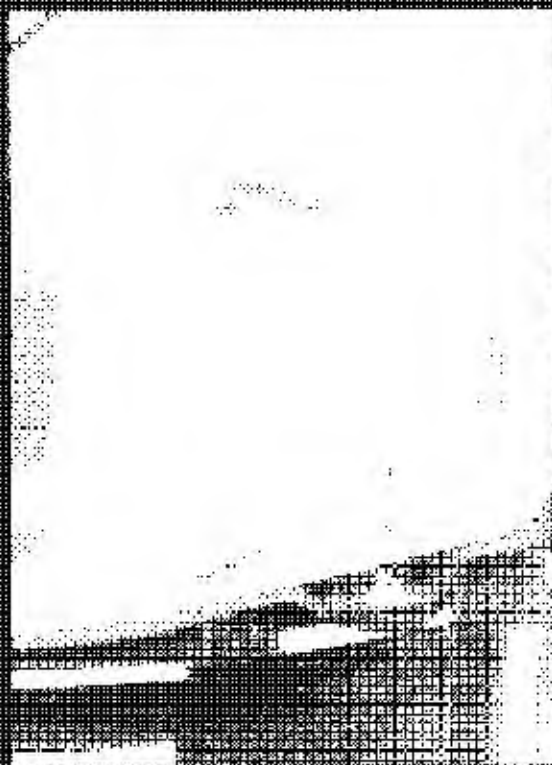


3-Year-Old Unlabeled, Middle Seat Track, Position 1

DOT/NHTSA 205 Suppression Test - 2004 Jeep Liberty (C460300)

No CRS

3 Year Old



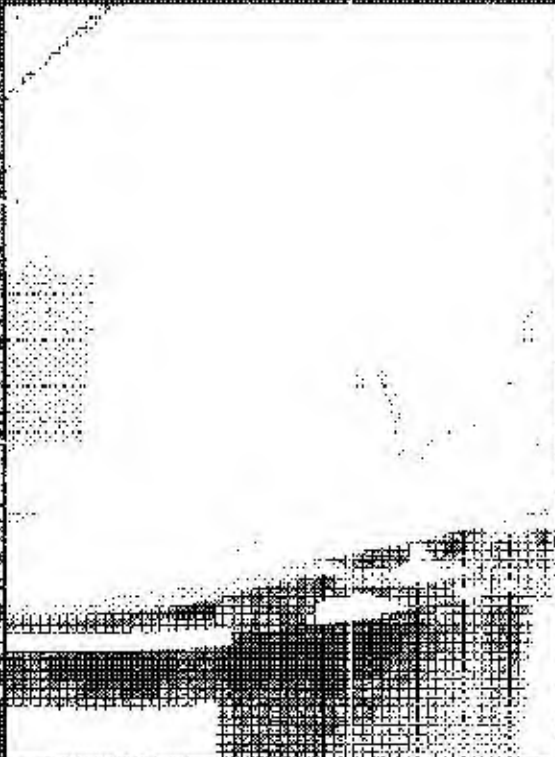
3-Year-Old Unbelted, Middle Seat Track, Position 2



3-Year-Old Unbelted, Middle Seat Track, Position 3

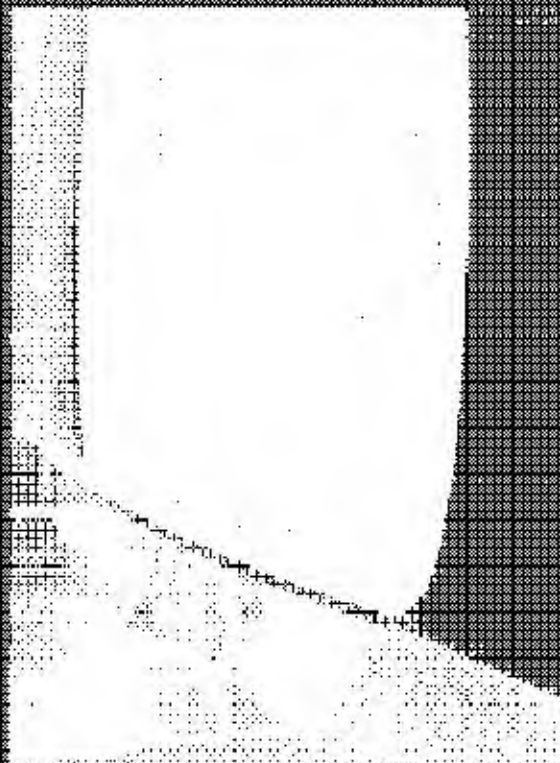


3-Year-Old Unbelted, Middle Seat Track, Position 4

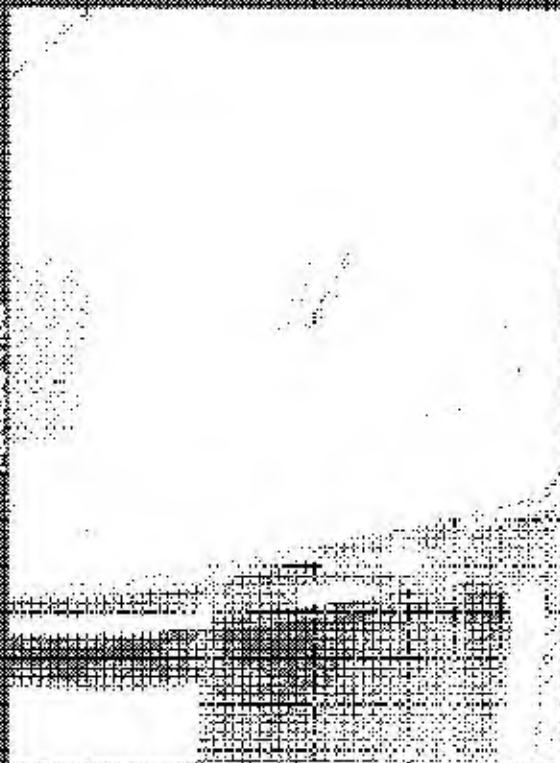


3-Year-Old Unbelted, Middle Seat Track, Position 5

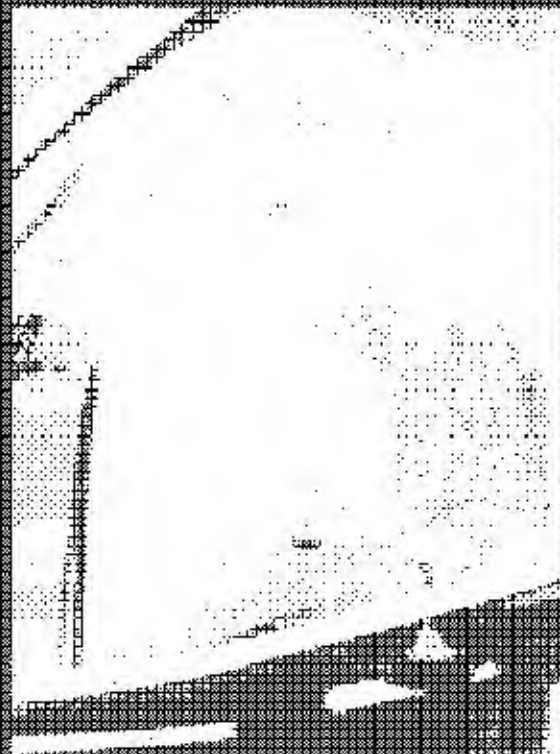
DOYALISA 218 Suppression Test - 2004 Jeep Liberty (C-10310)
 3 Year Old No CRS



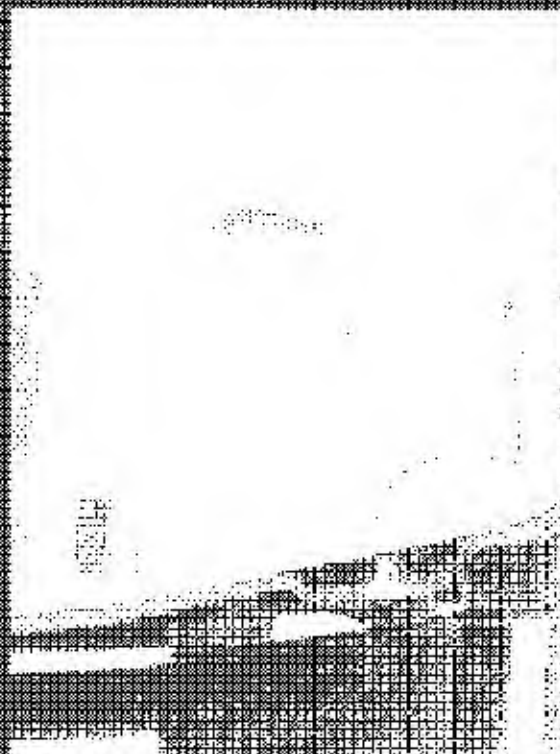
3 Year Old Unbolted Middle Seat Track, Position 5, Reverse View



3 Year Old Unbolted Middle Seat Track, Position 7

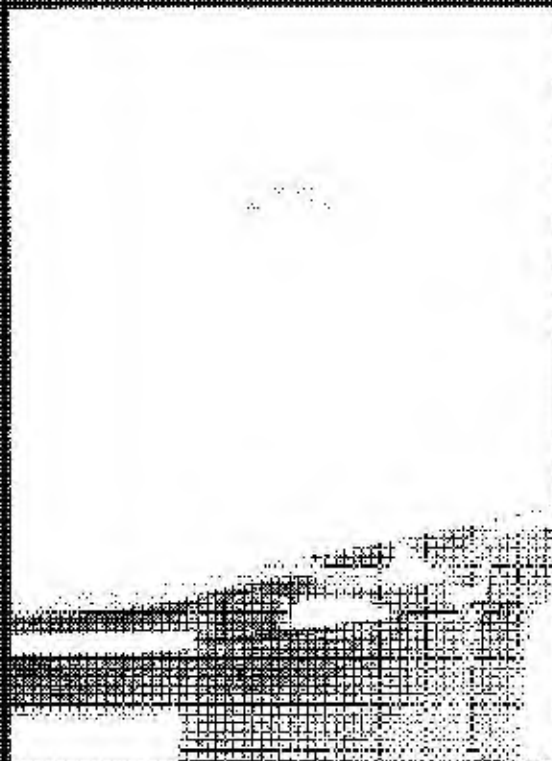


3 Year Old Unbolted Middle Seat Track, Position 6



3 Year Old Unbolted Rearward Seat Track, Position 1

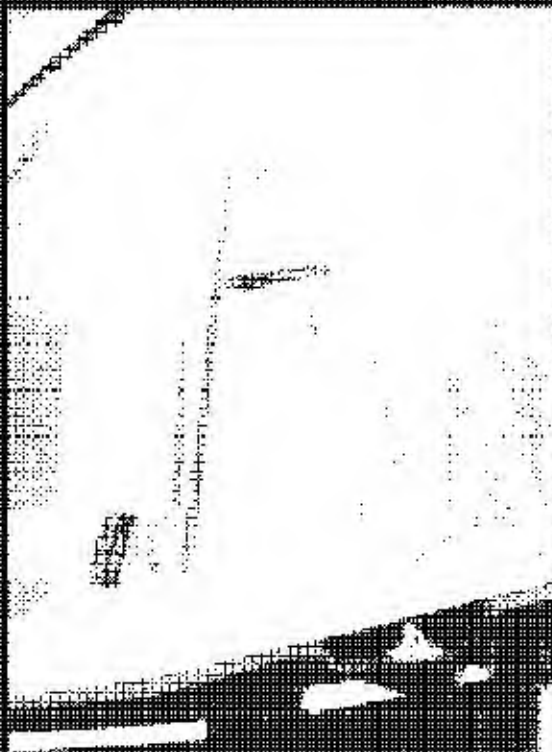
DOT/NHTSA 2004 Suppression Test - 2004 Jeep L Eberly (C-40300)
 3 Year Old No CR6



3 Year Old Unlabeled Rearward Seat Track, Position 2



3 Year Old Unlabeled, Rearward Seat Track, Position 4



3 Year Old Unlabeled Rearward Seat Track, Position 3

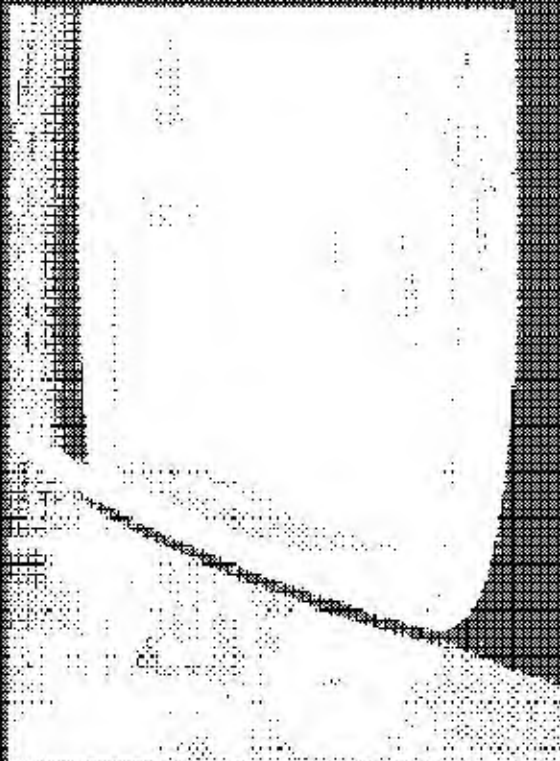


3 Year Old Unlabeled, Rearward Seat Track, Position 5

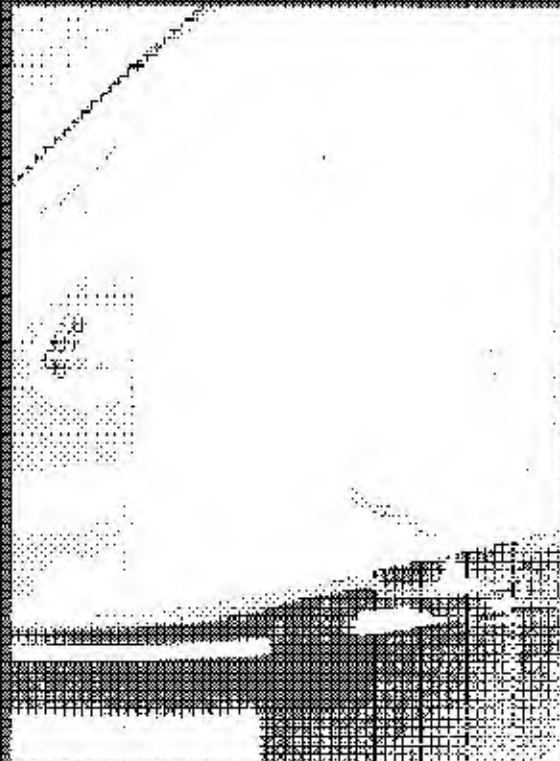
DOT/NTSA 218 Suppression Test - 2004 Jeep Liberty (C-42300)

3 Year Old

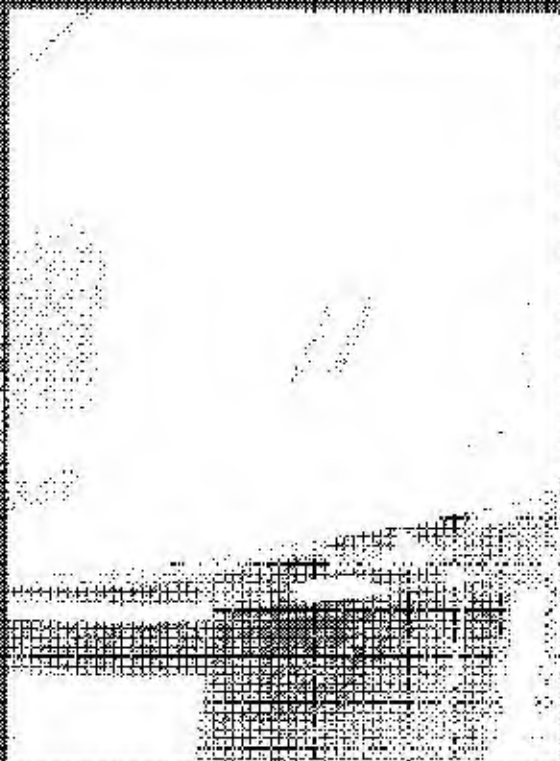
No CRB



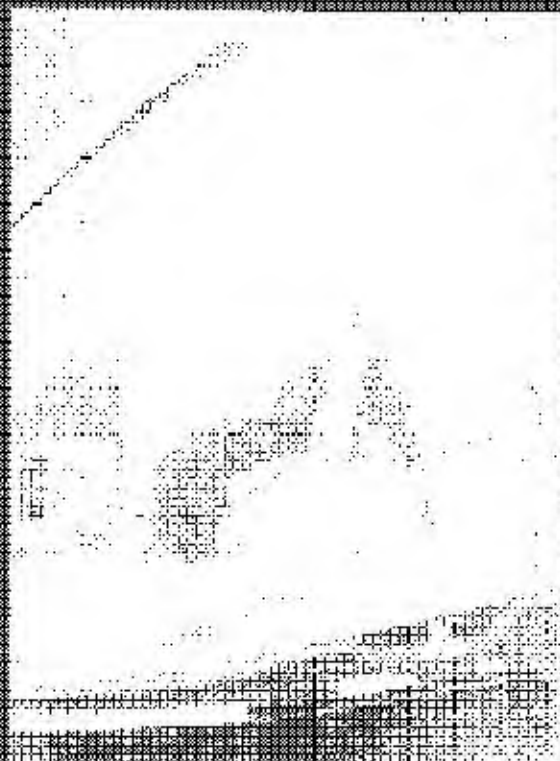
3 Year Old Unlabeled, Rearward Seat Track, Position 6
Forward View



3 Year Old Unlabeled, Rearward Seat Track, Position 6

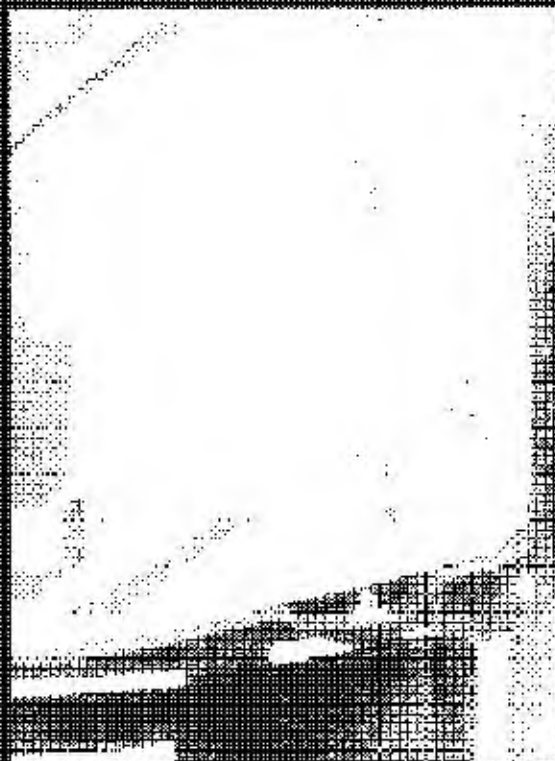


3 Year Old Unlabeled, Rearward Seat Track, Position 7

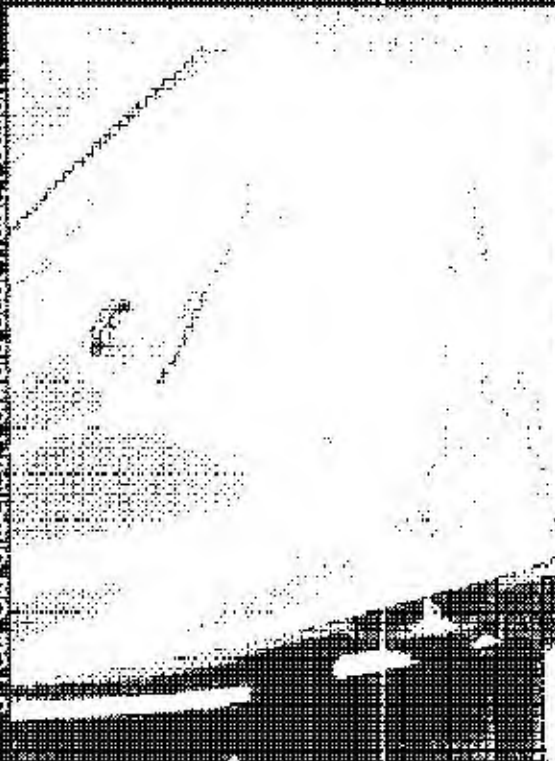


Unlabeled 5th Percentile Female Rearward Seat,
Forward Seat Track

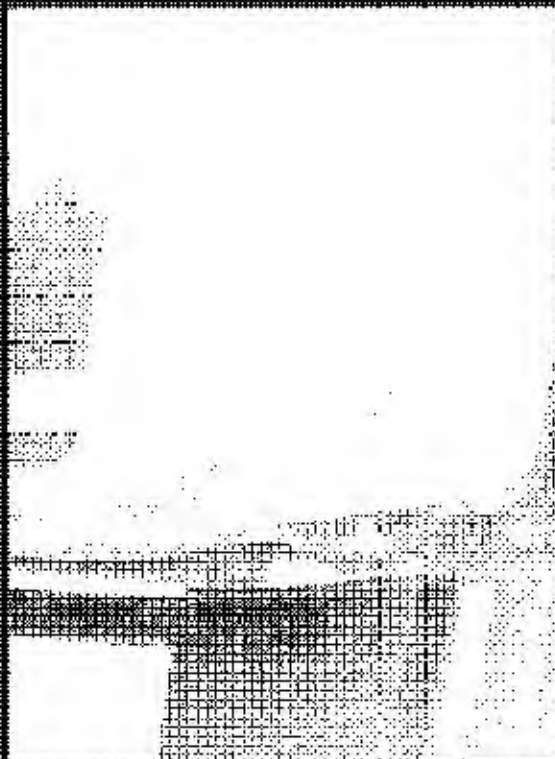
DOYAN/TSA 2004 Suppression Test - 2004 Jeep Liberty (C40300)
6 Year Old No CR6



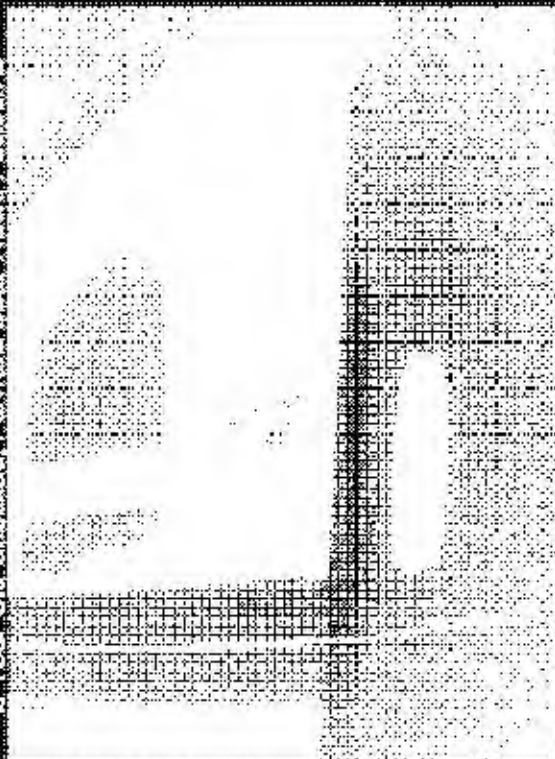
6-Year-Old Unlabeled Forward Seat Track, Position 1



6-Year-Old Unlabeled Forward Seat Track, Position 3



6-Year-Old Unlabeled Forward Seat Track, Position 2

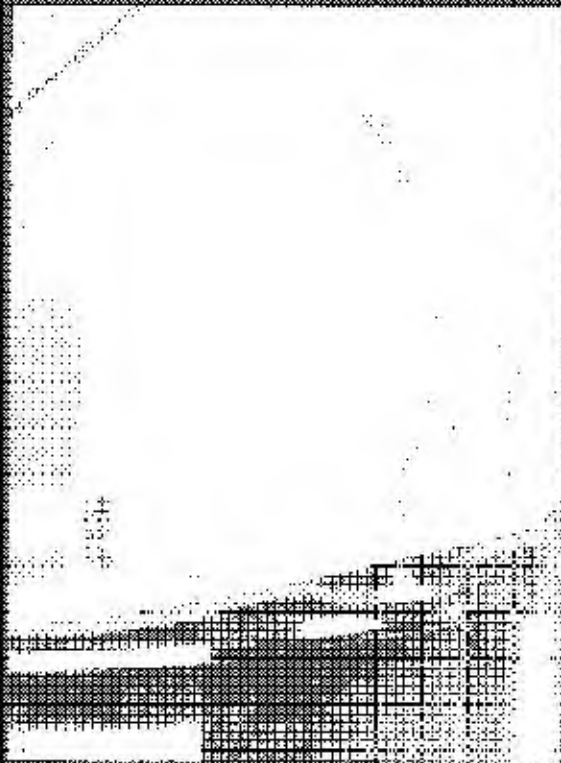


6-Year-Old Unlabeled Forward Seat Track, Position 4, Side View

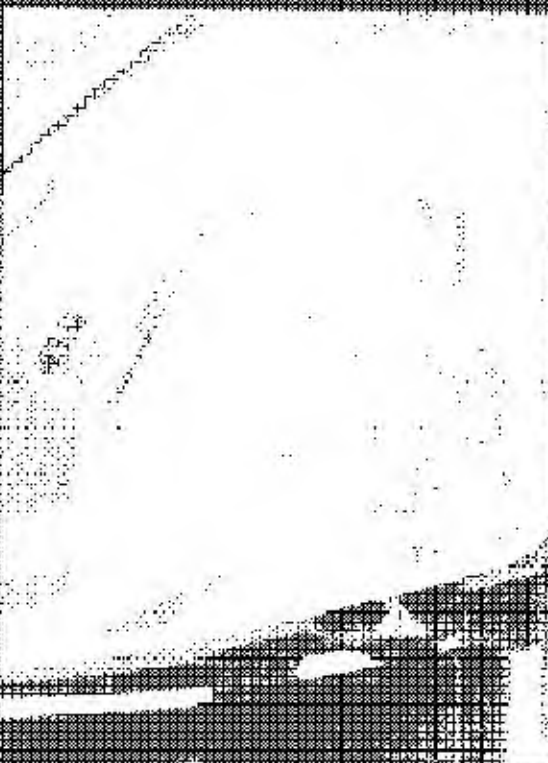
DOJNHTSA X04 Suppression Trail - 2014 Jeep Liberty (C-00010)

6 Year Old

As CR9



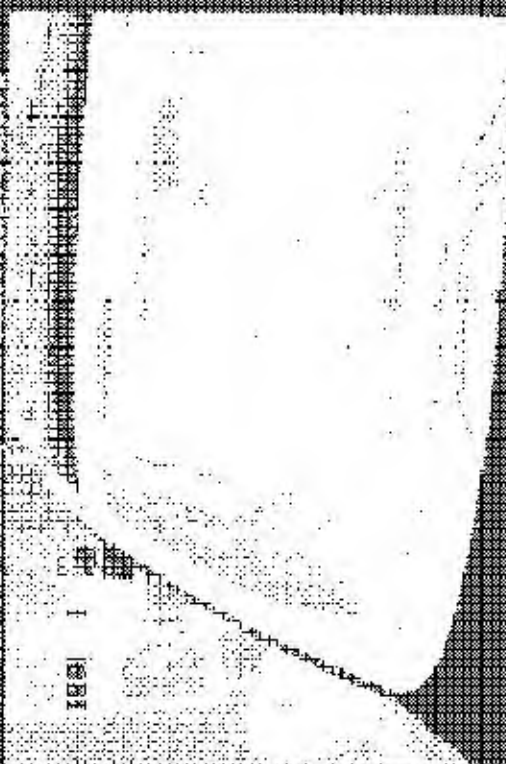
6 Year Old Unlabeled Middle Seat Truck Position 1



6 Year Old Unlabeled Middle Seat Truck Position 1

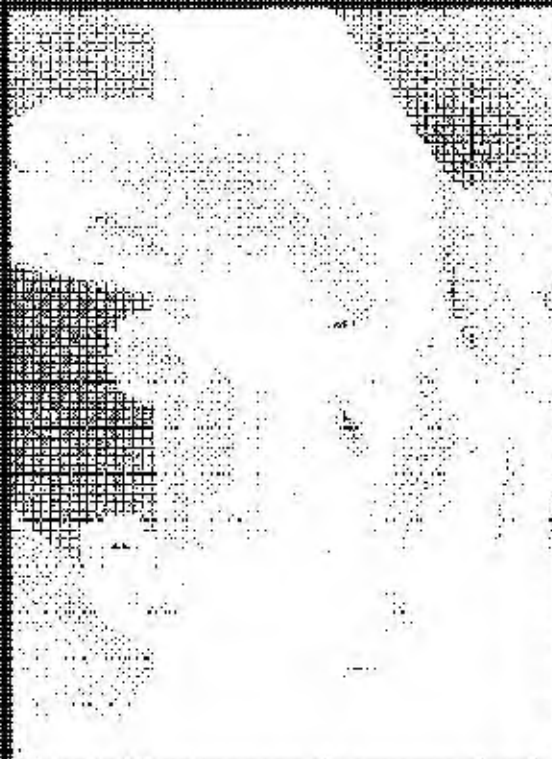


6 Year Old Unlabeled Middle Seat Truck Position 1

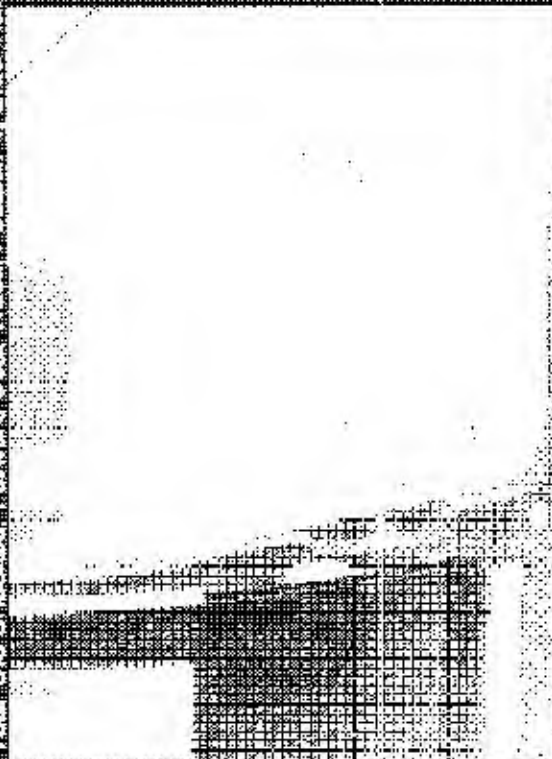


6 Year Old Unlabeled Middle Seat Truck Position 1
Forward View

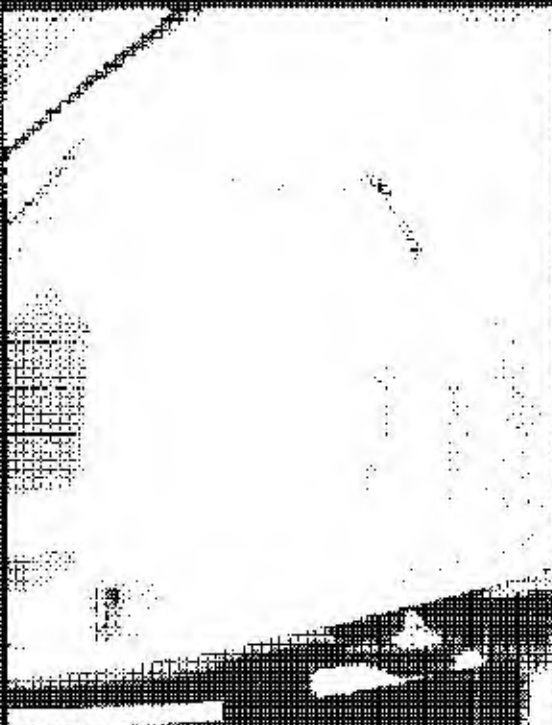
DOT/NHTSA 2004 Suppression Test - 2004 Jeep Liberty (C40300)
6 Year Old No CR6



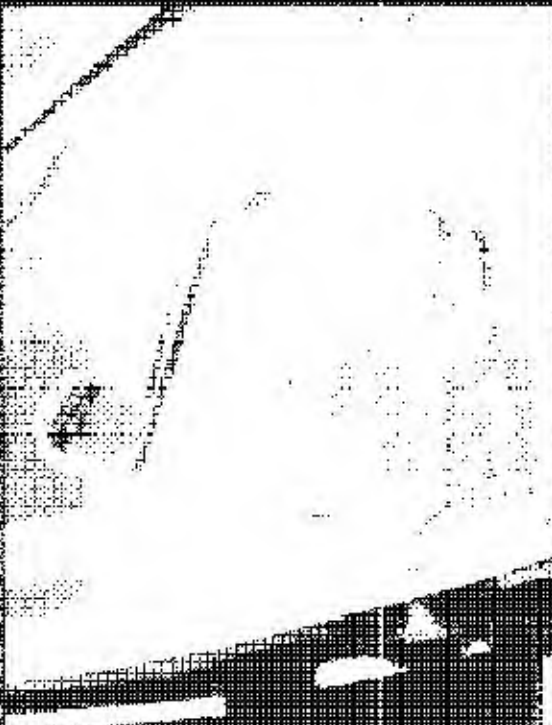
6-Year-Old Unlabelled Forward Seat Track Position 4 Side View



6-Year-Old Unlabelled Forward Seat Track Position 2

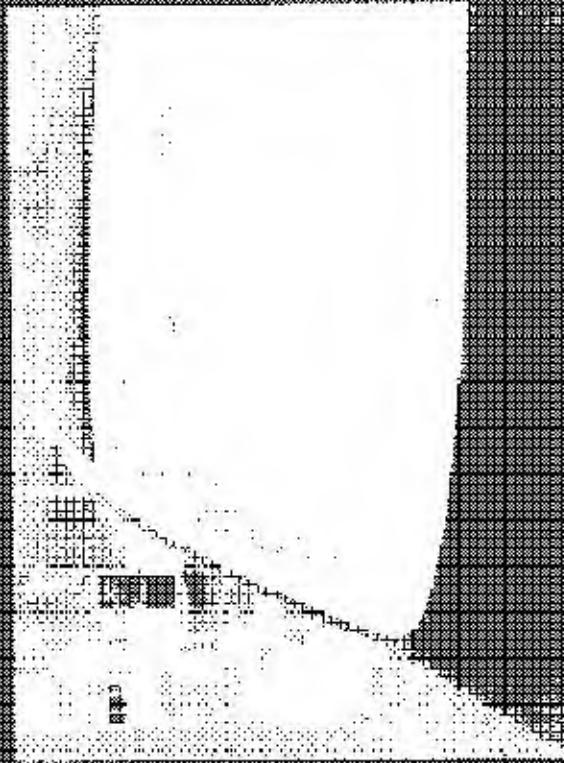


6-Year-Old Unlabelled Rearward Seat Track Position 1

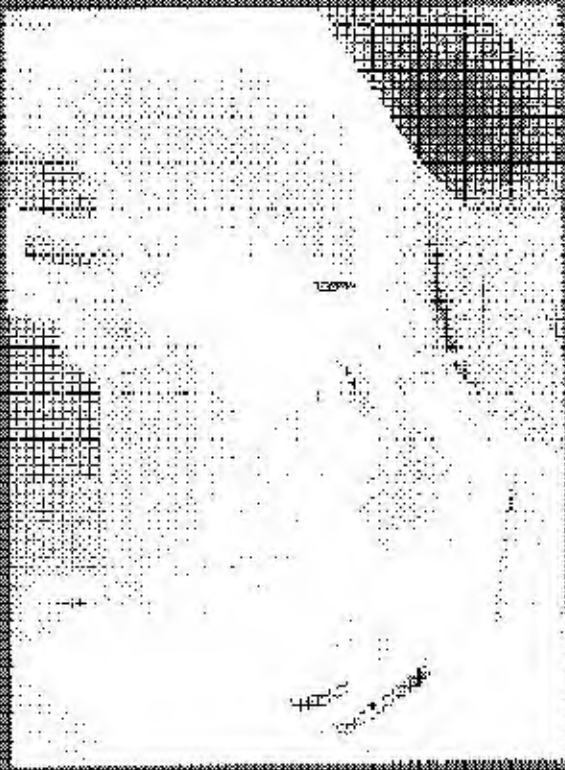


6-Year-Old Unlabelled Rearward Seat Track Position 3

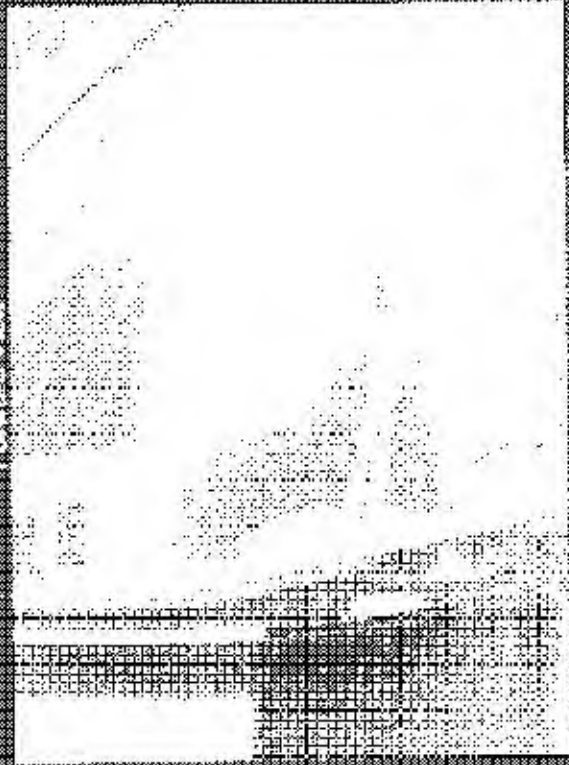
DOT/NHTSA 21st Supplement Test - 2004 Jeep Liberty (C40300)
6 Year Old No CRS



6 Year Old Unbelted Rearward Seat Track, Position 4, Forward View



6 Year Old Unbelted Forward Seat Track, Position 4, Side View



Unbelted Out of Position Female Rearward Seat, Rearward Seat Track

APPENDIX F

INSTRUMENTATION CALIBRATION

INSTRUMENTS FOR DRIVER DUMMY NO. 506

	SERIAL NO.	MANUFACTURER	CALIBRATION DATE
Head X	J10866	Endevco	2/23/04
Head Y	J11548	Endevco	2/23/04
Head Z	AK972	Endevco	2/23/04
Neck Load Cell	1561	Denton	1/13/04
Chest X	A12-A14	Endevco	2/04/04
Chest Y	L17-Z13	Endevco	2/04/04
Chest Z	L18-N01	Endevco	2/04/04
Chest Displacement	506	Servo	2/24/04
Left Femur Load Cell	9426	Denton	1/23/04
Right Femur Load Cell	9425	Denton	1/23/04

INSTRUMENTS FOR PASSENGER DUMMY NO. 517

	SERIAL NO.	MANUFACTURER	CALIBRATION DATE
Head X	APYN0	Endevco	2/20/04
Head Y	ALFJ7	Endevco	2/20/04
Head Z	APYN3	Endevco	2/20/04
Neck Load Cell	1562	Denton	2/07/04
Chest X	J12471	Endevco	1/14/04
Chest Y	AP179	Endevco	1/13/04
Chest Z	J12423	Endevco	1/14/04
Chest Displacement	517	Servo	1/28/04
Left Femur Load Cell	948	Denton	1/17/04
Right Femur Load Cell	945	Denton	1/17/04

INSTRUMENTS FOR REAR CENTER PASSENGER DUMMY NO. 401

	SERIAL NO.	MANUFACTURER	CALIBRATION DATE
Head X	AGH79	Endevco	2/25/04
Head Y	AGH89	Endevco	2/25/04
Head Z	AGH55	Endevco	2/25/04
Neck Load Cell	253	Denton	10/17/03
Chest X	C12883	Endevco	2/25/04
Chest Y	C13081	Endevco	2/25/04
Chest Z	C12881	Endevco	2/25/04
Chest Displacement	401	Servo	2/25/04
Left Femur Load Cell	86	Denton	12/05/03
Right Femur Load Cell	85	Denton	12/05/03
Shoulder Belt Load Cell	172	Denton	10/11/03
Lap Belt Load Cell	198	Denton	12/08/03
Belt SP	607	Denton	2/04/03

INSTRUMENTS FOR LOW RISK 5TH FEMALE DUMMY NO. 494 (P1)

	SERIAL NO.	MANUFACTURER	CALIBRATION DATE
Head X	AKAD6	Endevco	11/13/03
Head Y	AM748	Endevco	11/13/03
Head Z	AHTF1	Endevco	11/13/03
Neck Load Cell	376	Denton	8/14/03
Chest X	J14006	Endevco	11/13/03
Chest Y	J13652	Endevco	11/13/03
Chest Z	J13626	Endevco	11/13/03
Chest Displacement	494	Servo	1/14/04
Left Femur Load Cell	83	Denton	11/13/03
Right Femur Load Cell	84	Denton	11/13/03

INSTRUMENTS FOR LOW RISK 5TH FEMALE DUMMY NO. 515 (P2)

	SERIAL NO.	MANUFACTURER	CALIBRATION DATE
Head X	AGRW3	Endevco	1/13/04
Head Y	J14896	Endevco	1/13/04
Head Z	AMPY0	Endevco	1/13/04
Neck Load Cell	253	Denton	10/17/03
Chest X	AJ819	Endevco	1/13/04
Chest Y	AJ9J7	Endevco	1/13/04
Chest Z	AJ7A2	Endevco	1/13/04
Chest Displacement	515	Servo	1/26/04
Left Femur Load Cell	956	Denton	9/30/03
Right Femur Load Cell	957	Denton	9/30/03

VEHICLE INSTRUMENTS

	SERIAL NO.	MANUFACTURER	CALIBRATION DATE
Left Rear Seat Crossmember X	K18-D16	Entran	12/15/03
Right Rear Seat Crossmember X	K07-R26	Entran	1/21/04
Top of Engine X	I16-B03	Entran	11/11/03
Bottom of Engine X	H20-R07	Entran	10/09/03
Left Brake Caliper X	L19-K05	Entran	1/23/04
Right Brake Caliper X	L17-D10	Entran	1/23/04
Instrument Panel X	F20-G10	Entran	10/08/03
Trunk Z	A27-R14	Entran	10/09/03

APPENDIX G
NOTICE OF TEST FAILURE

LABORATORY NOTICE OF APPARENT TEST FAILURE TO OVSC

FMVSS NO. 208 TEST DATE: January 28, 2004

LABORATORY: MGA Research Corporation

CONTRACT NO.: DTNH22-03-D-11002 DELV. ORDER NO.: Contract

LABORATORY PROJECT ENGINEER'S NAME: Jeff Lewandowski

TEST SPECIMEN DESCRIPTION: 2004 Jeep Liberty MPV

VEHICLE NHTSA NO.: C40300 VIN: 1J4GK48KX4W

MFR: Daimler Chrysler Corp.

APPARENT TEST FAILURE DESCRIPTION: Air bag labeling on Data Sheet 5

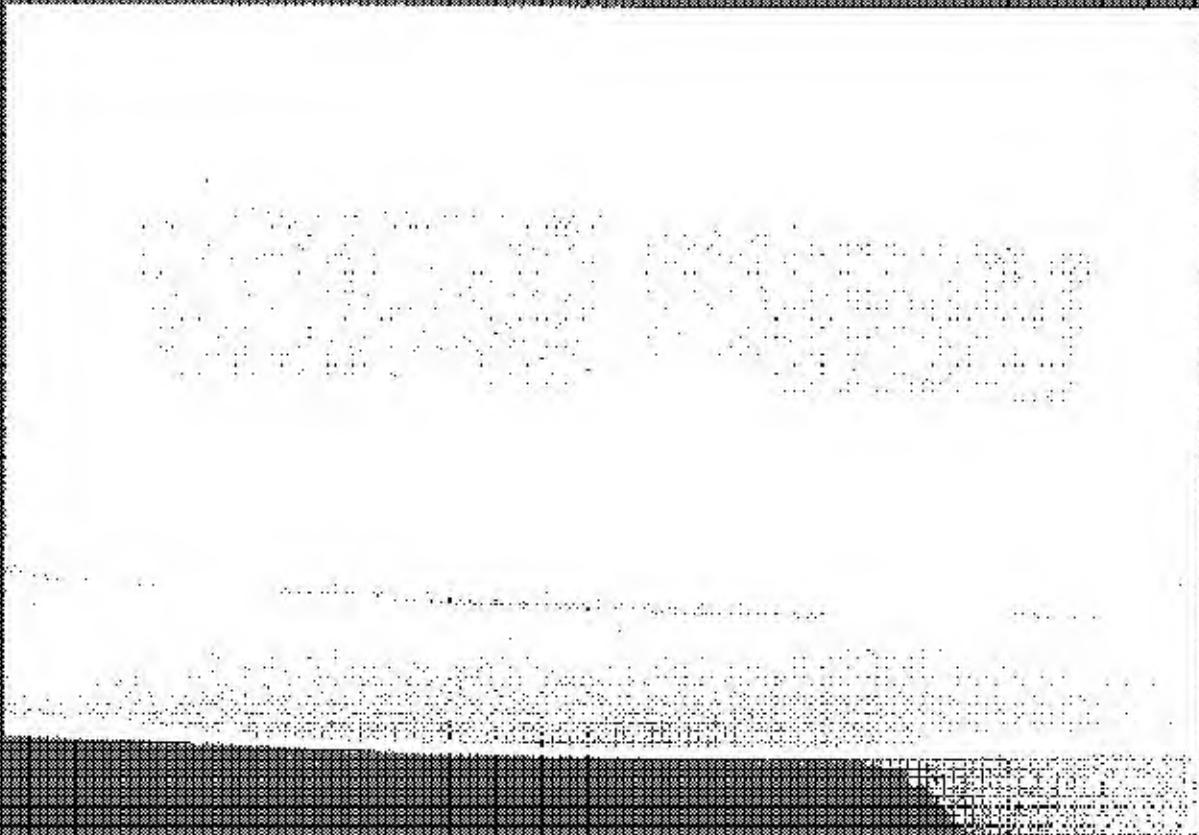
3.6.3 Is the shortest distance from any of the lettering or graphics on the rollover-warning label to any of the lettering or graphics of the air bag warning label at least 3 cm? (575.105(d)(1)(iv)(A))
17mm (1.7cm) actual distance
Yes-Pass X No-FAIL

FMVSS REQUIREMENT, PARAGRAPH S___ :
S4.5.1 Air Bag Labels

NOTIFICATION TO NHTSA (COTR): Charles Case

DATE: 1-28-2004 BY: Jeff Lewandowski

REMARKS: See Included Photo



2004 Jeep Liberty MPV S4.5.1 Air Bag Labeling Failure Data Sheet 2-18-07

LABORATORY NOTICE OF APPARENT TEST FAILURE TO OVSC

FMVSS NO. 208 TEST DATE: January 28, 2004

LABORATORY: MGA Research Corporation

CONTRACT NO.: DTNH22-03-D-11002 DELV. ORDER NO.: Contract

LABORATORY PROJECT ENGINEER'S NAME: Jeff Lewandowski

TEST SPECIMEN DESCRIPTION: 2004 Jeep Liberty MPV

VEHICLE NHTSA NO.: C40300 VIN: 1J4GK48KX4W

MFR: Daimler Chrysler Corp.

APPARENT TEST FAILURE DESCRIPTION:
Seat Belt Warning System Check on Data Sheet 9

- ☐ 18. The seat belt warning system meets the requirements of (manufacturers may comply with either section)
☐ S7.3 (a)(1)
☐ S7.3 (a)(2)
☒ FAIL - Does NOT meet the requirements of either option

FMVSS REQUIREMENT, PARAGRAPH S :
The vehicle did not meet the performance requirements of S.7.3 FMVSS 208 Seat Belt Warning System Check. The system met requirements partly in S7.3 (a)(1) and partly in S7.3 (a)(2).

NOTIFICATION TO NHTSA (COTR): Charles Case

DATE: 1-28-2004 BY: Jeff Lewandowski

REMARKS: